DOCUMENT RESUME

ED 353 961	IR 015 922
AUTHOR	Wong, Suk-Ying; And Others
TITLE	Asia and the Pacific: A Survey of Distance Education 1992. Vol. I: Australia-Japan. New Papers on Higher Education: Studies and Research, No. 7.
INSTITUTION	National Inst. of Multimedia Education, Chiba (Japan).
SPONS AGENCY	United Nations Educational, Scientific and Cultural Organization, Paris (France). Div. of Higher Education and Research.
PUB DATE	92
NOTE	438p.; For Volume II, see IR 015 923.
PUB TYPE	Reference Materials - Directories/Catalogs (132) -- Reports - Descriptive (141)
EDRS PRICE	MF01/PC18 Plus Postage.
DESCRIPTORS	Access to Education; Developed Nations; Developing Nations; *Distance Education; Educational Trends; Enrollment; External Degree Programs; Financial Support; Foreign Countries; Higher Education; Open Universities; Postsecondary Education; Program Descriptions; *School Surveys; Student Characteristics
IDENTIFIERS	*Asia; *Pacific Region

ABSTRACT

This report is intended to serve as a general reference for people either new to the field or involved in planning and decision-making in the field of distance education, specifically in Asia and the Pacific region. Volume I contains data from eight countries: Australia, Bangladesh, the People's Republic of China, Hong Kong, India, Indonesia, Iran, and Japan. Information is presented for each country in a case study overview format followed by a compilation of the findings of surveys sent to distance education institutions throughout the region. The surveys contain data on: year of establishment of distance education program; name, address, telephone, telex, and fax number of the head of the program; the nature of the institution; educational levels and titles of distance education programs; objectives; sources of financial support; development and enrollment trends and information; number of courses and staff; media production; student profiles; future development; and specifics on each distance program offered. (ALF)

****
*   Reproductions supplied by EDRS are the best that can be made   *
*   from the original document.   *
****

ED353961

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
☐ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality
- Points of view or opinions stated in this document do not necessarily represent official OERI position or policy

New Papers on Higher Education 7

Studies and Research

**Vol I
(Australia - Japan)**

ASIA and the PACIFIC: A Survey of Distance Education 1992

**A Study conducted by:
The National Institute of Multimedia Education, Japan**

**Director-General Hidetoshi Kato
Project Director: Suk-Ying Wong**

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
Hidetoshi Kato
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

UNESCO

NATIONAL INSTITUTE OF MULTIMEDIA EDUCATION

BEST COPY AVAILABLE

IR015922

The Division of Higher Education and Research of the UNESCO Secretariat produced, during 1983 – 1989, thirty-six titles in the series Papers on Higher Education (a complete list of titles appears on the last page). From 1990, this series will continue in a new form New Papers on Higher Education with two sub-titles: one Studies and Research and the other, Documentation of Meetings.

Studies published in the series "New Papers on Higher Education: Studies and Research":

1. **Evaluation Procedures used to Measure the Efficiency of Higher Education Systems and Institutions.**
   A study conducted by:The International Association for Educational Assessment.
   Coordinator: W.B. Dockrell.
   UNESCO 1990. ED-90/WS-IO (English only)
2. **Study Service in Adult Education: Analysis of an Experience.**
   A study conducted by the Faculty of Education, University of Lujan, Argentina.
   Coordinator: Sylvia Brusilovski.
   UNESCO 1990. ED-89/WS-103 (English/French)
3. **L'Enseignement Supérieur et le Monde du Travail.**
   A study coordinated by Noël Terrot for the World Federation of Teachers' Unions.
   UNESCO 1990. ED-90/WS-40 (French only)
4. **Africa: A Survey of Distance Education 1991.**
   A study conducted by the International Council for Distance Education and the International Centre for Distance Learning. Coordinator: Keith Harry.
   UNESCO 1991. ED-91/WS-42 (English only)
5. **Latin America and the Caribbean: A Survey of Distance Education 1991.**
   A study conducted by the International Council for Distance Education and the International Centre for Distance Learning. Coordinator: Keith Harry.
   UNESCO 1991. ED-91/WS-44 (English only)
6. **Conceptual Analysis and Methodological Results of the Project: Management and Assessment of Interdisciplinary Training at the post-university level.**
   A study conducted by P. Metreveli et al.
   UNESCO 1992. ED-92/WS-7 (English only)

ED-92/WS/7
UNESCO 1992

BEST COPY AVAILABLE

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION

A SURVEY OF DISTANCE EDUCATION IN ASIA AND THE PACIFIC

VOLUME I

Australia – Japon

Conducted by
National Institute of Multimedia Education, Japan
Hidetoshi Kato, Director-General

Prepared by
Suk-Ying Wong
Chaiyong Brahmawong
Takehiko Kariya
Aya Nishino
Geoff Arger
Joanne LaBonte

Project Director
Suk-Ying Wong

NOTE BY THE SECRETARIAT

As an innovative system of education, distance education continues to evolve and expand. Because of its versatility and diversity, it is able to design new programmes, attract new learners and experiment in the use of ever-advancing technology.

Throughout UNESCO's long involvement in distance education, strong emphasis has always been placed on specific tenets which should underpin the development of any system of this type: clear policy making, the sharing of resources, the necessity for a strong infrastructure of highly trained academic and administrative personnel to assure academic standards and the need to develop closer linkages between higher education and the world of work.

Excellence in distance learning requires solid technical support for the development and exchange of instructional materials and for improved methodologies and evaluation strategies.

Amongst the priorities identified during the UNESCO International Consultation on Higher Distance Education, held at Deakin University, Victoria, Australia from 6-11 September 1987, special emphasis was placed on the importance of efficient and effective collection and dissemination of statistical data and information. To further this objective, UNESCO has undertaken several important initiatives:

- in collaboration with the International Centre for Distance Learning at the Open University, U.K., a survey on Higher Level Distance Education Resources worldwide was carried out in 1988-1989. This can be consulted on-line or in printed form and covers some 200 institutions in all regions of the world.

- another survey, also carried out with the same partners, was designed to focus on one particular region, Africa, and to provide more detailed information on available resources. In this way, it constitutes a guide to distance education and was especially timely as a follow-up to the Seminar on Distance Education held in Arusha, Tanzania from 24 to 28 September 1990. This event aroused great interest in view of the potential for education and training which can be realized through systems of distance teaching and learning.

- a similar survey on higher distance education resources in Latin America and the Caribbean, was published in 1991.

- for the Asia and Pacific region, UNESCO has cooperated with the National Institute of Media Education, Tokyo, Japan, to publish the present survey of resources related to distance learning. This is a comprehensive document which amply demonstrates the wealth of resources available in this region.

It is hoped that this increased information on higher distance education resources, both human and material, will help promote a better exchange of expertise in this field..

To consult the Asia/Pacific Survey on Distance Resources on line, please contact:
Dr S. Y. Wong, NIME, 2-12 Wakaba, Chiba-Shi, 260, Japan
FAX 0472 75 5117 - TELEX 3722525 NIME J.

UNESCO reminds interested readers that it has published a worldwide Survey of Higher Distance Education Resources in collaboration with the ICDL and the ICDE. This may be consulted on line at the ICDL, the Open University, U.K. It is also available in printed form from UNESCO.

CONTENTS

VOLUME I

Preface

Introduction

	Page
Australia	1
Bangladesh	162
China, People's Republic	172
Hong Kong	185
India	224
Indonesia	306
Iran	354
Japan	365

VOLUME II

Korea, Republic	429
Laos	462
Malaysia	471
Maldives	484
Myanmar	493
Nepal	504
New Zealand	521
Pakistan	582
Papua New Guinea	593
Singapore	638
South Pacific (University of the South Pacific): *Fiji, Tonga, Western Samoa, the Solomon Islands, Kiribati, Tuvalu, the Cook Islands, Vanuatu, Niue, Tokelau, Nauru, and the Marshall Islands*	645

Sri Lanka 667

Thailand 688

Turkey 783

Vietnam 804

Abbreviations 814

List of National Coordinators and Contributors 817

List of Project Team Members 820

PREFACE

Distance education in Asia and the Pacific has been "booming" in the past few decades. In order to respond to increasing demand for highly trained human resources for socio-economic development in the countries in the region, the government of each and every nation has paid special attention to the possibilities of distance learning in higher education. Moreover, rapid technological innovations require continuing education even for university graduates.

Thanks to the contemporary "electronic revolution," people who are in need of such educational opportunities can have relatively easy access to university teaching by means of broadcasting and telecommunication. It was within this context that the Asian Development Bank, in cooperation with the UNESCO regional office, initiated an intensive seminar on distance education in 1986, the outcome of which was compiled in two volumes.

The National Institute of Multimedia Education (NIME), with a mission of innovating higher education especially with utilization of various media, was more than happy to accept conducting the overall survey of distance education in the region when such a request came from UNESCO in 1990. Though we could work with our colleagues in the area only by correspondence, they were extremely cooperative and eager to participate to make this project successful. On behalf of the Institute, I must express my deepest gratitude and respect to all contributors, without whom this research could not be possible. At the same time, I appreciate the assistance and advice given by UNESCO, from both its headquarters in Paris and its regional office in Bangkok, with whom we have thoroughly enjoyed our collaboration. I also thank the International Centre for Distance Learning (ICDL) of the Open University in the United Kingdom who has provided helpful comments throughout the project. It is our pleasure and honor if this publication can serve to further advance distance education not only in the region but also in other parts of the world.

Hidetoshi Kato
Director-General
National Institute of Multimedia
Education, Japan

INTRODUCTION

In recent years, distance education has emerged as one of the most feasible modes of instruction that aims at bridging many of the educational objectives and practices between the formal and the non-formal sector. For the last decade, distance education has attracted educators and policy makers as a new measure of educational provision. Especially in Asia and the Pacific, distance education institutions and/or programmes have developed rapidly and played an important role. Despite its importance and wide scope of practice in many countries, not enough is known about distance education in this region.

In light of this, UNESCO and the National Institute of Multimedia Education (NIME), Japan have completed this project, "Distance Education in Asia and the Pacific" to add to our knowledge of where distance education stands at the present time. We initiated the project by inviting experts to write a case study and to co-ordinate the gathering of questionnaires about distance education institutions in their countries. For various reasons, we could not survey the entire Asian and Pacific area, but through the responses collected here, perhaps a comprehensive picture of the region emerges. The resulting case studies are attributed to their individual authors, while the survey has been compiled by us based on the efforts of the country coordinators and those who completed the questionnaires. Our efforts are therefore presented in two parts. The first part contains the case studies outlining the growth and environment of distance education. The second part presents a compilation of the surveys covering distance education institutions throughout the region.

Regarding the surveys, a few methodological points should be noted. Our primary objective is to systematically organize and present the data based on the information supplied to us by each country. As such, the amount of detail varies. Furthermore, in most cases the entries have been proofread by the participants and some have been subsequently updated. Thus, the information included here is as current as possible. However, the process of compiling questionnaire responses runs the risk of discrepancies. Therefore, we apologize for any errors that might exist.

Our editing policy of the case studies has been directed to presenting a uniformity of style. Aiming at clarity and coherence, this has in some cases required the editing of length. Regardless, we have fully retained each author's individual viewpoints, and hope the integrity of their work remains intact. In addition, we have included all references and citation information provided by the authors, including those which refer to sources in languages other than English. Compiling international references presents a challenge of accuracy due to varying customs of bibliographic format. Interested readers may therefore wish to contact authors directly for more comprehensive citations.

This is only the beginning. We have much more to learn about distance education and its potential in the future. The information collected here will hopefully serve not only as a general reference for people unfamiliar with this innovative mode of learning, but will also inform and inspire those who are involved in planning and decision-making in distance education, as well as administrators, educators, and academics. This work is the result of a collaboration among many experts and practitioners in the field. We thank them for the research they have done and for sharing their knowledge and experience. As pioneers in a young and growing field, we have come far in expanding the horizons of conventional education. By taking a moment to reflect on the past and present of distance education, the insights we gain from sharing our experiences may spur us on to an auspicious and enlightened future.

The Editorial Committee
National Institute of Multimedia
Education (NIME), Japan

SURVEY OF DISTANCE EDUCATION IN THE COMMONWEALTH OF AUSTRALIA

COUNTRY PROFILE

The Commonwealth of Australia is located in the Southern Hemisphere between the Indian Ocean and the South Pacific. An island continent, Australia has the land area of 3,000,000 square miles (8,000,000 square kilometres) with striking characteristics for its isolation, its low relief, and the aridity of its surface resulted from the long and extensive erosive action of the forces of the wind, rain, and heat of the sun. The Commonwealth of Australia is an independent federation of six States (New South Wales, Victoria, Queensland, South Australia, Western Australia, and Tasmania) and two internal territories (self-governing Northern Territory; and the Australian Capital Territory, the seat of the federal capital city, Canberra). The Australian Capital Territory is administered directly by the Commonwealth which also governs the external territories of Norfolk Island, Cocos (Keeling)Islands, Christmas Islands, Ashmore and Cartier Islands, Coral Sea Islands, Heard and McDonald Islands, and claims the Australian Antarctic territory.

Economy, Population and Demography: A market economy. Australia is an advanced, multi-cultural, industrial nation. Rich with natural resources, it has become one of the chief sources of minerals for industrial countries. The population is 16 million, most of whom live in state capitals or major cities on the south and east coast. Over 20% of the population were born overseas, mostly in the United Kingdom and Ireland and recently from southern Europe, the Middle East, and Indo-China. Aborigines and Torres Strait Islanders, the indigenous people of Australia, make up about 1% of Australia's population. Many of these live in rural and outback areas, especially in Queensland, New South Wales, Western Australia and the Northern Territory. There are substantial communities of Aborigines in the cities, particularly Sydney and Brisbane.

Language of Instruction: English. Traditional languages are taught in some Aboriginal community schools usually outside school hours. Other languages are taught in high schools.

Educational System: Constitutionally, education is the responsibility of the State controlled by the State Department of Education. Administration of public education is centralized in terms of staffing, curriculum planning and resources with the aim, as expressed in a common curriculum within each State, to provide equal opportunity for all students, urban or rural. Public schools are financed through a re-distribution of federal tax. Higher education is provided by universities and Colleges of Advanced Education (CAEs) established under Acts of State Parliament and vested with the power to confer degrees. The establishment of universities and colleges is a State responsibility and traditionally they were State funded. Since 1974, higher education has almost completely been funded by the Commonwealth in order to achieve its policy of free tertiary education; except for a certain amount of administrative charge. There is only one private university in Australia. Technical education and adult education are provided by Technical and Further Education Colleges (TAFE) funded mainly by the States (75%). Of the national budget of $41,628 billion (1986/87), $2,898 billion was allocated to education.

Communication Infra-structure: Australia has a complete infrastructure for broadcasting, telephone, postal services, and telecommunications. Most Australians, except those in the most remote outback, have telephones and/or radio phones and can receive at least one national carrier both over television and radio through the Australian Broadcasting Corporation(ABC). The postal system is efficient with mail between capital cities to the rural areas. Newspapers tend to be state based with two major chains. Television ownership and provision is similarly state based. The national carrier, the ABC, provides both national and State programmes. Satellite communications to the outback are increasing.

OVERVIEW OF DISTANCE EDUCATION:

As a country of vast land area with 70% its population spreading all over the coastal regions, Australia has employed distance education as an integral part of its educational system since the early 1900's. Here distance education is provided in all sectors: (1) School sector (for primary and secondary schools) through correspondence lessons offered by individual state's Correspondence School and Australian School of the Air attached to the State Department of Education; (2) Trade, vocational, technical, sub-professional, and further education sector through each of the six state-based Technical and Further Education(TAFE) colleges; (3) Post-secondary/higher education sector provided by either External Studies Department/Division or Distance Education Centres (DEC) in universities, and College of Advanced Education(CAE). After 1987, the binary system of academic-degree offering universities, and diploma-offering CAE was abolished and a series of amalgamation took place. All CAE's were either upgraded to the university status or merged with existing universities by 1991. Distance education policy was changed and Distance Education Centres have played a greater role in developing and delivering distance education courses. Presently, there are eight

DECs' attached to the University College of Central Queensland, University College of Southern Queensland, University of New England, Charles Sturt University, Monash University, Deakin University, University of South Australia, and Western Australia Distance Education Consortium. By 1988, there were 43 colleges and 5 universities offering some of their courses through distance education.

Factors Leading to Establishment of DE Programmes: (1) Need to provide education for groups which have been disadvantaged in the education system, (2) Need to break down the barriers that have denied access to higher education for Aboriginal people, women and people with disabilities, and (3) Need to ensure access to higher education for people in rural and geographically isolated areas, and the educationally and socio-economically disadvantaged adults.

Year of Establishment: 1910 with the establishment of the University of Queensland.

Media for Distance Education: Print media through correspondence, audiotapes, radio and television broadcast, interactive teleconferencing via telephone and video, and residential schooling.

Sources of Financial Supports: Largely from Federal funding (84.5% in 1986), State funding, and other sources of funding such as endowment. Since 1987, the funding of distance education or external students has been the same as for on-campus students through designated Distance Education Centres; 75% for teaching and 25% for development and delivery of teaching materials.

Trends of Development in Distance Education: No planned expansion in the next 5-10 years except for some growth in the Distance Education Centres in higher education level to fill their student quotas by internal on-campus students. In primary and secondary Correspondence Schools and TAFE correspondence colleges, no growth is expected due to slow population increase and the system of funding based on a fixed number of students without taking into account the student demand.

Legal Status: Distance education in Australia is supported as an integral part of the education system. In the higher education level, in the Charters of some universities, such as the University of Queensland (1910) and the University of Western Australia (1911), there are provisions requiring the institutions to provide education for those unable to attend on-campus studies, which is the foundation for distance education activities.

Aims: Mainly related to the issue of access and equity of education. Specifically, the aims are (1) To provide education for the needs of groups which have, for many reasons, been disadvantaged in the education system; (2) To break down the barriers that have denied access to higher education by Aboriginal people, women and people with disabilities, and (3) To ensure access to higher education for people in rural and geographically isolated areas, and the educationally and socio-economically disadvantaged adults.

Control and Management: The control and management of distance education vary according to the education level and administrative level. At the primary secondary, and technical sectors, the Correspondence Schools, the Schools of the Air, and Technical and Further Education (TAFE) colleges, are controlled by the State Department of Education in terms of administration, setting academic standards, resource planning, management, and dissemination of information. In the higher education level, the universities and the old CAE's are self-controlled. All of them are dual-mode institutions (with on-off campus students). At the national level, the National Distance Education Council with sub-committees in Technology, Data-based, and Standards, acts as a policy formation agency.

Instructional System: The instructional system in Australia is mostly print-base. Students study from printed materials dispatched via mail, listen to audio tapes or radio programmes, view television or video programmes, and engage in interactive communication such as teleconferencing. Students in some institutions such as in the TAFE system study from one-way video/two-way audio via satellite transmission.

Geographical coverage: Nation-wide coverage through the Correspondence Schools, School of the Air, TAFE colleges, and the eight Distance Education Centres for higher education. Students in both rural and urban areas are provided with the opportunities to study via distance education in the institution of their choice.

Research Activities: Research activities in Australia are vast, covering all aspects of institutional and academic research.

Enrollment and Graduates in Distance Education Programmes: In 1990, there were 485,075 students in all higher education institutions in Australia; of whom 52,712 were external distance education students. The total number of graduates both on-campus and off-campus combined was 90,482. The graduates from distance education programmes may be estimated at 10,000.

International Affiliation and Cooperation: Distance Education Centres are members of the Australian and South Pacific External Studies Association(ASPESA) and the International Council for Distance Education (ICDE).

Problems and Constraints: (1) The Commonwealth government's policy on distance education, in particular, to its establishment of Distance Education Centres and incentives for non-DEC's to continue and enhance distance education. (2) Being part of a conventional institution, distance education is not perceived as high priority; more emphasis in given to on-campus students, (3) Reduction of funding for distance education students, and (4) Insufficient allocation of funds and resources for course development and the delivery system.

LIST OF DISTANCE EDUCATION INSTITUTIONS:

A. Single Mode Distance Education Institutions:

1. **School of the Air**
   Broken Hill.
2. **TAFE's Open College Network**
   Redfern, New South Wales.
3. **Victorian TAFE Off-Campus Network**
   Melbourne.

B. Distance Education Centres:

4. **Monash/Gippsland Distance Education Centre,**
   Monash University, Churchill, Victoria.
5. **Distance Education Centre**
   University of South Australia
   Underdale, South Australia.
6. **Distance Education Centre**
   University of Southern Queensland.

C. External Studies Centres/Units:

7. **Australian Catholic University**
   Everton Park.
8. **Charles Sturt University**
   Bathurst, New South Wales.
9. **University of Central Queensland**
   Rockhamton Mail Centre, Queensland.
10. **Curtin University of Technology**
    Perth, Western Australia.
11. **Edith Cowan University**
    Claremont, West Australia.
12. **The University of Queensland**
    St.Lucia, Queensland.
13. **Queensland University of Technology**
    Red Hill, Queensland.
14. **University of Newcastle**
    New South Wales.
15. **Macquarie University**
    New South Wales.
16. **Murdoch University**
    Murdoch, Western Australia.

SCHOOL OF THE AIR, BROKEN HILL
NSW DEPARTMENT OF SCHOOL EDUCATION

INSTITUTIONAL DATA

Year of Establishment: 1956.

Name of Head: **Mrs. Jeanette Andrews**
Position: *Principal*
Address: Lane Street
Broken Hill

Telephone: 080-873565
Fax: 080-885998

Nature of institution: Distance teaching only.

Educational levels provided for DE programmes: Primary (for children).

Titles and levels of DE programmes:

Title	*Level*
Primary Education	K-6

Governance: A State (NSW) establishment. (The School of the Air, Broken Hill is one of many distance education schools in Australia.)

Objectives: To provide K-6 education for geographically isolated students.

Sources of financial support of DE programmes:
Tuition and Fees:
Free-except for school fees.
Budget:
State funded.

Trends of development of DE resources and activities:
Expanded:
Financial provision
Distance education programmes
Local study centres
Telecommunication equipment
Study materials and textbooks

Teaching force
Variety of courses offered
Broadcast programmes
Audio-visual aids
Face-to-face sessions
Library resources.
Decreased: None.
Stable: None.
Not applicable: None.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students: Current: 92.
Annual intake: 20.

Number of students currently enrolled in each DE level:

Level of Education	Enrollment Figure
K-6	92.

Number of DE graduates: Annually: Information not available.
Accumulative: Information not available.

Components of personnel in DE: All faculty members are full-time employees.

Number of staff: *Full-time:* 13 (Academic: 12; Non-academic: 3-4).
Part-time: None.

Number of Courses and programmes: Number of courses offered: 1.
Number of programmes offered: In all primary learning areas.

Production of teaching materials/media: 1. Teaching materials and media are produced by teachers at SOTA and staff of Learning Material Production Centre in Sydney.
2. Describe the way teaching materials are produced: Producing of audio and videotapes, typing and copying of materials, and adapting of already prepared materials.
3. The stages are: (1) Analyze knowledge of students, (2) Assessment of availability and suitability of resources, (3) design to meet the need.

Regional/Study Centres: No study centre is available.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	100.0
Total:	100.0

Gender:

Sex:	(%)
Male	50.0
Female	50.0
Total:	100.0

Income: Data not available.

Geographical distribution: Data not available.

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* English speaking - Australian born 100%
Occupational distribution: Students: Primary.

Future development: Possible distance education development in the next 5-10 years is the change of broadcasting facilities from High Frequency (HF) to the Very High Frequency (VHF) within 1992.

Major obstacles for implementing distance education: None.

Affiliation with regional and international DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programme:
1. Primary Education.

PROGRAMME I: *PRIMARY EDUCATION*

Level:	Primary.
Courses of instruction:	Not available.
Length of course:	All levels are of seven-year periods.
Media and methods:	*Most dominant:* Printed correspondence texts Radio Tutorial via mailing. *Dominant:* Face-to-face tutoring Practical work. *Least dominant:* Audio-cassettes Audio-vision Video cassettes Telephone instruction Computer assisted instruction.
Language of instruction:	English.
Admission requirements:	Reaching the age level of 4 years and 9 months and live at least three kilometres from a school, or bus route.
Number of DE students:	Current: 92. Annual intake: 20.
Evaluation:	
Continuous:	Carried out by continual evaluation.
Final:	Data not available.
Educational and employment arrangements for graduates:	None.

Profile of students in this level:

By Educational Background:

	Proportion (%)
Pre-primary	-
(Ages 6 or under):	100.0
Total:	100.00

By employment: Data not available.

By career: Data not available.

By gender: Data not available.

Acceptance of certificates, diplomas, and degrees:

Accepted as equal to a comparable award given by a non-distance education institution.

OPEN COLLEGE NETWORK
DEPARTMENT OF TECHNICAL AND FURTHER EDUCATION (TAFE)

INSTITUTIONAL DATA

Year of Establishment:
1910-as part of Sydney Technical College
1970-became College of External Studies (independent from Sydney Technical College)
1985-renamed the External Studies College of TAFE
1990-became the Open College Network under the Department of Technical and Further Education.

Name of Head: **Dagmar Schmidmaier**
Position: *Network Manager & Principal*
Address: The Open College Network
199 Regent Street
Redfern NSW 2016
Telephone: (02)318-7265, 318-7222
Fax: (02)698-4382

Nature of institution: Distance teaching only.

Educational levels provided for DE programmes:
1. Diploma/certificate
2. Training
3. Secondary education for adults
4. Primary education for adults
5. Literacy.

Titles and levels of DE programmes: Not applicable.

Governance: A national establishment.

Objectives:
1. Economic development.
   National development.
   Equality of educational opportunity.
2. Vocational development.
   Cost-effectiveness.
   Life-long recurrent education.
3. Compensatory nature.
4. Local cohesion.
   Elite Training.

	Teacher Education and Training. 5. Expansion of educational opportunity. Personal development. Training of skilled manpower. Preservation of trained manpower. Political and economic ideology. Promotion of democracy. Transition to conventional higher education institutions. Religious and moral awareness. 6. Provide support for mixed mode learning at other TAFE colleges.
Sources of financial support of DE programmes:	*Tuition Fees:* Tuition is free but students are required to pay an administrative charge which varies between $65-430 depending on the length and nature of the course. *Budget:* US$20 million for 1990.
Trends of development of DE resources and activities:	*Expanded:* Financial provision Distance education programmes Local study centres Telecommunication equipment Study materials and textbooks Teaching force Variety of courses offered Audio-visual aids Face-to-face sessions. *Decreased:* None. *Stable:* Broadcast programmes Library resources. *Not applicable:* None.
Trends of enrollment in DE Programmes:	Increasing.
Number of DE students:	*Current:* App. 20,000 students. *Annual intake:* App. 20,000 students annually.
Number of students currently enrolled in each DE level:	Data not available.
Number of DE graduates:	Annually: App. 2,500 graduates. Accumulative: Data not available.
Components of personnel in DE:	1. A mix of full-time and part-time staff members. 2. About 800 contract teachers or "outworkers" who mark lesson materials at home.

Number of staff: *Full-time:* 350.
Part-time: 1,000.

Number of Courses and programmes: Number of courses offered: 120.
Number of programmes offered: Not applicable.

Production of teaching materials/media: Teaching materials and media are produced by full-time and contract teachers.

Regional/Study Centres: Not applicable.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	29.0
Between 21-30	33.0
Between 31-60	38.0
Total:	100.0

Gender: Data not available.
Income: Data not available.
Geographical distribution: Data not available.

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Data not available.
Occupational distribution: Data not available.

Future development: Possible distance education development in the next 5-10 years is to have the design, funding, and construction of a Commonwealth funded facility built for DE purpose.

Major obstacles for implementing distance education: None.

Affiliation with regional and international DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. Diploma
2. Training
3. Secondary education for adults.

PROGRAMME I & II: *DIPLOMA AND TRAINING PROGRAMMES*

Level: Diploma and Training.

Courses of instruction:

Agricultural Sciences:
- Agriculture
- Farming.

Architecture and Planning:
- Surveying
- Transport, nautical science and shipping.

Commercial and Management Studies:
- Accountancy/Bookkeeping
- Administration
- Business administration
- Finance
- Management.

Communications:
- Journalism.

Engineering and Technology:
- Civil engineering
- Electrical, electronic and microelectronic
- Mechanical Engineering.

Physical Science:
- Physics.

Biological Science and Technology:
- Environmental studies.

Medical and Health Sciences:
- Dental technology
- Nursing
- Optometry.

Length of course: *Minimum number of study hours per week per course:* Not Applicable.
Total number of weeks per course: Not Applicable.
Total number of courses making up programmes: Not Applicable.

Media and methods:

Most dominant:
Printed correspondence texts
Tutorial via mailing.

Dominant:
Audio-cassettes
Video-cassettes
Video via satellite

Telephone instruction
Computer assisted learning
Face-to-face tutoring
Telephone tutoring
Tutoring via audio-teleconferencing
Television via satellite
Face-to-face counselling
Counselling by telephone
Practical work
Kits
Study centres
Weekend schools
Longer residential school.
Least dominant:
Tutoring via video teleconferencing.

Language of instruction: English.

Admission requirements:
1. Complete a required level of education
2. Reaching the required age level
3. Be a current employee
4. Have some work experience.

Number of students at this level: Current: 15,000.
Annual Intake: Data not available.

Evaluation:
Continuou:
1. Written assignments for submission
2. Witten regular tests
3. Written intermediary examinations

Final: Written final examinations

Educational and employment arrangements: None.

Profile of students in this level:

By Educational Background:	(%)
Less than 17 years old:	01.5
High school(Adults):	98.2
Those who never attend any school:	00.3
Total:	100.00

By Employment:	(%)
Full-time:	42.0
Part-time:	42.0
Others:	16.0
Total:	100.00

By career: Data not available.

By gender:	(%)
Male:	54.0
Female:	46.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by other non-distance education institutions.

PROGRAMME III: *SECONDARY EDUCATION PROGRAMMES*

Level: Secondary education.

Courses of instruction:

Agricultural Sciences:
- Agriculture.

Humanities:
- History.

Languages and Literature:
- Languages.

Creative Arts:
- Fine Art, Art History.

Physical Science:
- Chemistry
- Physics.

Biological Science and Technology:
- General Biology and life sciences
- Environmental studies.

Mathematics:
- Mathematics
- Statistics.

Social Sciences:
- Economics
- Geography.

Length of course:

Minimum number of study hours per week per course: Not Applicable.
Total number of weeks per course: Not Applicable.
Total number of courses making up programmes: Not Applicable.

Media and methods:

Most dominant:
Printed correspondence texts
Tutorial via mailing.
Dominant:
Audio-cassettes
Video-cassettes
Video via satellite
Telephone instruction
Computer assisted learning
Face-to-face tutoring
Telephone tutoring
Tutoring via audio-teleconferencing
Television via satellite
Face-to-face counselling

Counselling by telephone
Counselling via other media
Practical work
Kits
Regional services
Study centres
Weekend schools
Longer residential school.
Least dominant:
Audio Vision
Tutoring via video teleconferencing.

Language of instruction: English.

Admission requirements:
1. Complete a required level of education;
2. Reaching the required age level;
3. Be a current employee;
4. Have some work experience.

Number of students a this level:
Current: 5,000.
Annual intake: 5,000.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Written intermediary examinations

Final assessment: Written final examinations;

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary less than 17 years old:	03.5
Secondary/High school (Adults):	94.7
Those who never attend any school:	1.8
Total:	100.00

By Employment:	(%)
Full-time:	38.0
Part-time:	05.0
Others:	67.0
Total:	100.00

By types of career: Data not available.

By gender:	(%)
Male:	40.0
Female:	60.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by other non-distance education institutions.

VICTORIAN TAFE OFF-CAMPUS NETWORK
DEPARTMENT OF TECHNICAL AND FURTHER EDUCATION

INSTITUTIONAL DATA

Year of Establishment:	1975.
Name of Head:	**Mr. Jack Foks**
Position:	*Head Victorian TAFE Off-Campus Network*
Address:	143 Franklin Street Melbourne 3000, AUSTRALIA.
Telephone:	(03)320-8100
Fax:	(03)328-1703
Nature of institution:	Development, design and production of distance education materials for delivery through a decentralized network.
Educational levels provided for DE programmes:	1.Diploma/certificate 2.Training 3.Secondary education for adults 4.Primary education for adults 5.Literacy and numeracy.
Titles of DE programmes:	Associate Diploma Advanced Certificate Certificate.
Governance:	A statewide establishment (Victoria).
Objectives:	1.Training of skilled manpower. 2.Vocational development. 3.Personal development.
Sources of financial support of DE programmes:	*Tuition Fees:* Vary according to total enrollment equivalent to on-campus contact hours. *Budget:* App. annual budget for distance education in 1991 was US$6.0 million. Other source of income is the sale of materials.
Trends of development of DE resources and activities:	*Expanded:* Distance education programmes Local study centres Telecommunication equipment

Study materials and textbooks
Variety of courses offered
Audio-visual aids
Face-to-face sessions
Broadcast programmes
Library resources.
Decreased:
Financial provision
The teaching force.
Stable:
Face-to-face sessions.
Not applicable: None.

Trends of enrollment in DE Programmes:	Stable.
Number of DE students:	Current: 14,275. Annual intake: App. 8,000.
Number of students currently enrolled in each DE level:	Data not available.
Number of DE graduates:	Annually: Data not available. Accumulative: Data not available.
Components of personnel in DE:	A mix of full-time and part-time staff members.
Number of staff:	*Full-time:* Coordinating Authority 69. Off-campus centres 47. *Part-time:* Over 600 local and network tutors.
Number of Courses and programmes:	Number of courses offered: 60. Number of programmes offered: 5.
Production of teaching materials/media:	Teaching materials and media are produced by full-time and contract writers edited by instructional designers. The stages are (1)Make decision to develop subject, (2)Appoint Project Co-ordinator, (3)Contract writers/consultants, and (4) Produce materials (submitted, edited, graphically designed, word processed, and proof-read).
Regional/Study Centres:	Available in Off-Campus Centres. Number of Off-Campus Centres: 18 located at TAFE Colleges in various parts of Victoria. These centres are run by TAFE Colleges under an Off-Campus Coordinator assisted by clerical staff. The sources of financial support are from the State Training Board, State Government. Major functions of these centers are enrollment,

counselling, employment of tutors, issuing materials, examinations, mix mode classes, and assignment traffic.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 25	31.0
Between 25-32	33.0
Between 32-60	36.0
Total:	100.0

Gender:

Sex:	(%)
Male	58.0
Female	42.0
Total:	100.0

Income: Data not available.

Geographical distribution:

Areas:	(%)
Urban	57.0
Rural	43.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Data not available.
Occupational distribution: Data not available.

Future development: Currently (1992) being planned by the Educational Planning Committee.

Major obstacles for implementing distance education: Funding in relation to using flexible delivery strategies such as teleconferencing and video-conferencing.

Affiliation with regional and international DE organizations:

ICDE
ASPESA
VAOP(Victorian Association of Off-Campus Providers)
IHTES(Interstate Heads of TAFE External Studies)
COL(Commonwealth of Learning).

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1.Associate Diploma
2.Advanced Certificate
3.Certificate
4.Bridging/Preparatory.
5.Hobby and Recreational.

PROGRAMME I-V: *ASSOCIATE DIPLOMA, ADVANCED CERTIFICATE, CERTIFICATE, BRIDGING, AND HOBBY PROGRAMMES*

Level: Diploma/Certificate.

Titles of programmes offered in this level:

1. Associate Diploma in
    - Business/Financial
    - Electrical/Electronics
    - Building
    - Other Vocational.
2. Advanced Certificate in
    - Business/Financial
    - Electrical/Electronics
    - Building
    - Other Vocational.
3. Certificate Programmes
    - Business/Financial
    - Electrical/Electronics
    - Building
    - Other Vocational.
4. Bridging/Preparatory
    - Arithmetic
    - Beginning English
    - Distance Literary and Numeracy
    - Help Yourself to Spell
    - Preliminary Subjects/Year 10
    - Preparatory Trade Subjects
    - Science Studies
    - VCE.
5. Hobby/Recreational Programmes
    - Homebuyers Course
    - Italian
    - Lettering and Showcard Ticket Writing
    - Navigation for Yatchmen
    - Short Story Writing.

Courses of instruction:

Agriculture and Horticulture:
- Certificate in Owner-Classer Woolclassing.

Building and Construction:
- Advanced Certificate in Building Construction
- Certificate of Technology (Advanced Building Construction)
- *Certificate of Technology (Building Surveyor)
- Supervision of Municipal Works and Road Construction
- *Technician Certificate Building (Inspector).

Business, Secretarial, Management Studies:
Advanced Certificate in Accounting
Advanced Certificate in Estate Agency
Advanced Certificate in Marketing
Advanced Certificate in Sales Management
Associate Diploma of Business (Accounting)
Associate Diploma in Banking and Finance)
Associate Diploma of Business (Legal Practice)
Associate Diploma of Business (Marketing)
Certificate in Office and Secretarial Studies
Certificate in Supervision
Course in Sub-Agency Practice
Occupational Health and Safety Certificate.

Electrical/Electronics:
Associate Diploma of Engineering (Electronics)
Broadcast Station Operators Certificate
Certificate in Basic Electronics
*Certificate of Technology (Electrical)
*Certificate of Technology (Electronics)
Television STation Operators Certificate.

Engineering:
Advanced Certificate in Extractive Industries
*Certificate of Technology (Extractive Industries)
Boiler Attendant
Steam Engine Driving - Reciprocating
Steam Engine Driving - Turbine.

Forest/Forestry Product:
Certificate in Pulp and Papermaking Technology.

Gerneral Studies, Language Programmes:
VCE.

Information Technology:
Associate Diploma of Applied Science (Library and Information Studies).

Scientific Industries:
Associate Diploma of Applied Science in Resource Management.

Social and Community Services:
Advanced Certificate in Residential and Community Services (Intellectual Disability).

Local Government:
Certificate in Trade Measurement
*Certificate in Trading Standards.

* Restricted to continuing students only.

Length of course: *Minimum number of study hours per week per subject:* 4-8 hours.
Total number of weeks per subject: 18 weeks.
Total number of courses making up programmes: Varies.

Media and methods:
Most dominant:
Printed correspondence texts
Tutoring via mail
Regional services
Study centres.
Dominant:
Telephone tutoring
Practical work
Telephone instruction
Tutoring via audio-teleconferencing
Counselling by telephone
Kits.
Least dominant:
Day schools
Weekend schools
Longer residential schools.

Language of instruction: English.

Admission requirements:
1. Complete a certain level of general education;
2. Reaching the age level of 18 years.

Number of students a this level:
Currently: 14,275.
Annual intake: 8,000.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written intermediary examinations
3. Attendance of regular workshops/seminars at the other institution
4. Constant contact with principal advisor/tutor.

Final assessment:
1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates: None.

Profile of students in this level: Data not available.

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by other non-distance education institutions.

MONASH/GIPPSLAND DISTANCE EDUCATION CENTRE
MONASH UNIVERSITY, VICTORIA

INSTITUTIONAL DATA

Year of Establishment: 1970 as part of Gippsland Institute of Advanced Education(GIAE)
1989 as part of Monash University.

Name of Head: **Professor T. Kennedy**
Position: *Director of Monash University's DEC*
Address: Monash University College
Churchill, Victoria 3842, AUSTRALIA.
Telephone: (051) 226277
Fax: (051) 226578

Nature of institution: Conventional institution with distance teaching programmes.

Educational levels provided for DE programmes:
Diploma/Certificate
First Degree
Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1. Associate Diploma	Diploma
2. Bachelor's degree	Undergraduate
3. Postgraduate Diploma	Postgraduate.

Governance: A national establishment.

Objectives:
1. Equality of educational opportunity
2. Vocational development
3. Training of skilled manpower
4. Personal development

Sources of financial support of DE programmes: *Tuition Fees:* Information not available.
Budget: Approximate annual budget for distance education of this institution for 1990 was US$7.3 million.

Trends of development of DE resources and activities: *Expanded:*
Financial provision
Distance education programmes
Telecommunication equipment

Study materials and textbooks
The teaching force
Variety of courses offered
Library resources
Decreased:
Local study centres
Stable:
Audio-Visual Aids
Face-to-face sessions
Not applicable:
Broadcasting programmes.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students: Current: Approximately 4,000 (1,750 EFTSU).
Annual Intake: Data not available.

Number of students currently enrolled in each DE level:

1. Associate Diploma	300
2. Bachelor's degree	2,500
3. Postgraduate	1,200

Number of DE graduates: Annual: 500.
Accumulative: Data not available.

Components of personnel in DE: Faculty members share their work duties between a conventional university and the distance education programmes.

Number of staff: *Full-time:* 200 (Academic 170--teaching staff-50% of load in DE teaching, Non-academic 30--supporting).
Part-time: Data not available.

Number of Courses and programmes: Number of courses offered: 300 units (30 degrees/diplomas)
Number of programmes offered: 3.

Production of teaching materials/media:
1. Teaching materials and media are produced by academic staff.
2. Describe the way teaching materials are produced: Some directly by academic staff; some with instruction designer input.

Regional/Study Centres: 3 study centres available. These centers are run by Distance Education Resource Centre. The sources of financial supports are from government budget. The major function of these centers is counselling.

Overall student Profile:
Age: Data not available.

Gender:

Sex:	(%)
Male	50.0
Female	50.0
Total:	100.0

Income: Data not available.

Geographical distribution:

Areas:	(%)
Urban	50.0
Rural	50.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:
Ethnic Composition: Data not available.
Occupational distribution: Data not available.

Future development: Possible distance education development in the next 5-10 years is to develop new specialist courses in discipline areas not yet widely offered by DE such as medicine, law, etc.

Major obstacles for implementing distance education: Problems are shortage of resources.

Affiliation with regional and international DE organizations:
ICDE
ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. Associate Diploma
2. Bachelor's Degree
3. Postgraduate Diploma.

PROGRAMME I: *ASSOCIATE DIPLOMA PROGRAMMES*

Level: Diploma.

Courses of instruction:
Commercial and Management Studies:
Business administration
Engineering and Technology:
Engineering supervision.
Mathematics:
Computing, Computer Science.
Social Sciences:
Welfare Studies.

Length of course:
Minimum number of study hours per week per course: 4.
Total number of weeks per course: 15.
Total number of courses making up programmes: 16.

Media and methods:
Most dominant:
Printed correspondence texts.
Dominant:
Telephone tutoring
Computer conferencing
Tutoring via audio-teleconferencing
Weekend schools.
Least dominant:
Audio-cassettes
Face-to-face tutoring
Study centres.

Language of instruction: English.

Admission requirements: The student must complete secondary education or be 23 years old and get recommended by employer, and be a citizen of the country.

Number of DE students:
Current: App. 300.
Annual Intake: App. 100.

Evaluation:
Continuous assessment:
1. Written assignments for submission
2. Attendance of regular workshops/seminars at the other institution for Welfare Studies.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: Data not available.

Profile of students in this level:

By Educational background: Data not available.
By Employment: Data not available.
By types of career: Data not available.

By gender:	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME II: *BACHELOR'S DEGREE PROGRAMMES*

Level: Undergraduate/First degree.

Courses of instruction:

Commercial and Management Studies:
  - Accounting/Bookkeeping
  - Administration
  - Management
  - Banking
  - Marketing.

Humanities:
  - Psychology.

Languages and Literature:
  - Literature:English.

Educational Studies:
  - Elementary education
  - Secondary education.

Engineering and Technology:
  - Civil engineering
  - Computer technology, programming
  - Electrical, electronic and microelectronic
  - Mechanical Engineering.

Physical Science:
  - Chemistry
  - Physics
  - Applies physics.

Biological Science and Technology:
  - Applied Biology.

Medical and Health Sciences:
  - Nursing.

Mathematics:
  - Computing, Computer Science
  - Mathematical sciences
  - Statistics.

Social Sciences:
  - Economics
  - Social Work
  - Sociology.

Services and Hospitality Science: Tourism.

Length of course:
Minimum number of study hours per week per course: 4.
Total number of weeks per course: 15.
Total number of courses making up programmes: 24.

Media and methods: *Most dominant:*
Printed correspondence texts.
Dominant:
Audio-cassettes
Tutoring via mail
Telephone tutoring
Kits
Practical work
Weekend schools.
Least dominant:
Video-cassettes
Face-to-face tutoring
Study centres.

Language of instruction: English.

Admission requirements: 1. Completed 12 secondary education or 23 years old and get recommended by his/her employer
2. Be a citizen of the country.

Number of students: Current: App. 2,500.
Annual Intake: App. 700.

Evaluation:

Continuous assessment: 1. Written assignments for submission
2. Attendance of regular workshops/seminars at the other institution for some courses.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: Data not available.

Profile of students in this level: *By Educational Background:* Data not available.
By employment: Data not available.
By types of career: Data not available.
By gender:

	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME III: *POSTGRADUATE PROGRAMMES*

Level:	Postgraduate.
Courses of instruction:	*Commercial and Management Studies:* Accounting/Bookkeeping Management Banking Industrial Relations. *Humanities:* Psychology. *Languages and Literature:* Literature:English. *Educational Studies:* Secondary education. *Engineering and Technology:* Engineering Maintenance Management. *Services and Hospitality Science:* Tourism.
Length of course:	*Minimum number of study hours per week per course:* 4 hours. *Total number of weeks per course:* 15 weeks. *Total number of courses making up programmes:* 8 courses.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Audio-cassettes Face-to-face tutoring Telephone tutoring Weekend schools Longer residential schools. *Least dominant:* None.
Language of instruction:	English.
Admission requirements:	1. Have completed a undergraduate degree or reached 23 years old and get recommended by his/her employer 2. Be a citizen of the country.
Number of students:	Current: App. 1,200. Annual Intake: App. 300.

Evaluation:

Continuous assessment:

1. Written assignments for submission
2. Attendance of regular workshops/seminars at the other institution for some courses.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: Data not available.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary (children):	-
Secondary/High school leavers (Ages 16 to 19):	-
First degree:	100.0
Total:	100.00

By Employment: Data not available.

By types of career: Data not available.

By gender:	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution and can lead to Master's degree in other institutions.

DISTANCE EDUCATION CENTRE
UNIVERSITY OF SOUTH AUSTRALIA, UNDERDALE

INSTITUTIONAL DATA

Year of Establishment: 1968 as External Studies Unit
1989 as Distance Education Centre.

Name of Head: **Assoc. Prof. Bruce King**
Position: *Head: Distance Education Centre*
Address: Distance Education Centre
University of South Australia
Underdale, SA 5032, AUSTRALIA.
Telephone: (08)3026368
Telex: SACLIB AA 88420
Fax: (08)3026648

Nature of institution: Conventional institution with distance teaching departments.

Educational levels provided for DE programmes: Diploma
First Degree
Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1. Associate Diploma in Arts Education Business Applied Science.	Associate Diploma
2. Diploma in Teaching Developmental Disabilities.	Diploma
3. Bachelor of Arts Liberal Studies Education Nursing.	First degree
4. Graduate Diploma/ Certificate of Arts Education	Graduate Diploma/Certificate

Applied Science
Teacher Librarianship.

5. Master of — Graduate.
    Arts
    Education
    Human Resource Studies
    Nursing.

Governance: A non-distance education national institution with distance teaching programme.

Objectives:
National development
Personal development
Vocational development
Expansion of educational opportunity
Equality of educational opportunity
Teacher Education and Training
Vocational training: Nurses, Conservation and Wildlife Rangers Community and Adult Educators, Accountants, Human Resources Trainers and Managers, Educational Administrators.

Sources of financial support of DE programmes:
Tuition Fees:
1. Students are required to pay US$2,560 of tuition charges per year (for citizen and permanent residents only).
2. Subsidies/donations from private persons, bodies, or foundations.
3. Federal government grants are the major support.

Budget:
Approximate annual budget for distance education of this institution for 1990 was US$2.1 million for DEC only.

Trends of development of DE resources and activities:
Expanded:
Distance education programmes
Telecommunication equipment
Study materials and textbooks
Variety of courses offered
Audio-Visual Aids
Library resources.
Decreased:
Financial provision.
Stable:
The teaching force.
Not applicable:
Local study centres
Broadcasting programmes
Face-to-face sessions.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students:
Current: App. 3,650.
Annual Intake: App. 3,200.

Number of students currently enrolled in each DE level:

	1985	1990
1. Associate Diploma	394	439
2. Diploma	372	217
3. Bachelor's Degree	1,019	1,465
4. Postgraduate Diploma	871	972
5. Master's Degree	-	134
Total:	2,656	3,227

Number of DE graduates:
Annual: App. 800 graduates.
Accumulative: Not available. Predecessor components of distance education programmes have amalgamated to become new institutions.

Components of personnel in DE:
A mix of full-time and part-time staff members.
Faculty members share their work duties between a conventional and distance education programmes. Faculty teach both modes.

Number of DE staff:
Full-time: 230 (Academic 180--Teaching staff; Non-academic 50--Administrative staff)
Part-time: 20 (Academic 20; Non-academic: None).

Number of Courses and programmes:
Number of courses offered: 500.
Number of programmes offered: 45.

Production of teaching materials/media:
Teaching materials and media are produced by Faculty members and authors. Faculty develop alone or with advice from DEC academic staff and editorial input from DEC editors. Then production of master copy is produced by DEC staff. The stages are: (1)Faculty write or put on disk, forward to DEC for processing, OR (2) Faculty and DEC consult, editorial assistance, desk-top or WordPerfect production of master copy. In both cases, copies of readings are from camera-ready copies; rarely typeset.

Regional/Study Centres:
Not applicable.

Overall student Profile:

Age:

Years:	(%)
Under 21	1.0
Between 21-30	26.0
Between 31-40	44.0
Between 41-50	25.0
Over 50	3.0
Total:	100.0

Gender:

Sex:	(%)
Male	35.0
Female	65.0
Total:	100.0

Income:
Level: Data not available.

Geographical distribution:

Areas:	(%)
Urban	75.0
Rural	25.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Mostly European; 4% Aboriginal/Islanders; and small number of Asian students.
Occupational distribution: Teachers and nurses predominate. Others are in the public sector and a smaller number is in the private sector.

Future development: Possible distance education development in the next 5-10 years are:

1. Video-conferencing units with SA TAFE to regional centres
2. Involvement with Australian Broadcasting Corporation (ABC-TV) in Open Learning Project
3. Possible establishment of Aboriginal Study Centre at Alice Springs
4. Involvement in distributed education services from MEP.

Major obstacles for implementing distance education:

1. Distance education is a relatively small component of the overall institution and therefore not critical to institutional survival. This leads to inadequate funding
2. No EFTSU growth in SA generally frustrates development
3. Recent amalgamation with the non-distance education institution has both positive and negative possibilities and needs a major development commitment.

Affiliation with regional and international DE organizations:
NDEC
ICDE
ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:

1. Associate Diploma
2. Diploma
3. Bachelor's Degree
4. Graduate Diploma/Certificate
5. Master's Degree.

PROGRAMME I: *ASSOCIATE DIPLOMA PROGRAMME*

Level:	Pre-degree.
Titles of programmes offered in this level:	1. Associate Diploma of Arts 2. Associate Diploma of Education 3. Associate Diploma of Business 4. Associate Diploma of Applied Science.
Courses of instruction:	*Commercial and Management Studies:* Personnel Industrial relations. *Humanities:* Contemporary and cultural studies. *Languages and Literature:* Literature. *Educational Studies:* Adult learning Youth and Community education Aboriginal (ANANGU) Education. *Physical Science:* Geological sciences. *Biological Science and Technology:* Environmental studies. *Social Sciences:* Geography Youth and Community Studies.
Length of course:	*Minimum number of study hours per week per course:* 10 hours. *Total number of weeks per course:* 15 weeks. *Total number of courses making up programmes:* 70 courses.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Telephone tutoring Tutoring via audio-teleconferencing. *Least dominant:* Telephone instruction Counselling by telephone Kits Practical work Longer residential schools.

Language of instruction: English and *Pitjantjatjara*.

Admission requirements:
1. Completed secondary school
2. Have some work experience
3. Pass mature age entry test for some courses.

Number of students a this level:
Currently: 439.
Annual intake: 248.

Evaluation:
Continuous:
1. Written assignments for submission
2. Attendance of regular workshops/seminars at the other institution.

Final: Written final examinations.

Educational and employment arrangements for graduates: Career service available in the institution.

Profile of students in this level:

By educational background: Data not available.

By Employment:	(%)
Full-time public employees:	35.0
Full-time private employees:	25.0
Part-time employees:	10.0
Others:	30.0
Total:	100.00

By types of career:	(%)
In-service trainees:	-
Housewives:	5.0
Retired:	
Others:	95.0
Total:	100.00

By gender:	(%)
Male:	30.0
Female:	70.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME II: *DIPLOMA PROGRAMME*

Level:	Diploma.
Titles of programmes offered in this level:	1. Diploma of Teaching 2. Diploma of Developmental Disabilities.
Courses of instruction:	*Educational Studies:* Pre-school Education Elementary Education Adult learning Developmental/Special Education.
Length of course:	*Minimum number of study hours per week per course:* 10 hours. *Total number of weeks per course:* 15 weeks. *Total number of courses making up programmes:* 47 courses.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Face-to-face tutoring Telephone tutoring Tutoring via audio-teleconferencing Practical work Study centres. *Least dominant:* Audio-cassettes Telephone instruction Counselling by telephone Weekend schools.
Language of instruction:	English.
Admission requirements:	1. Pass a competitive entrance examination 2. Have completed secondary school 3. Have some work experience.
Number of DE students at this level:	Currently: 217. Annual intake: 80.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Attendance of regular workshops/seminars at the other institution.
3. Attendance at the local study centre.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: Career service available in the institution. However, most students are already employed.

Profile of students in this level: *By Educational background:* Data not available.

By Employment:	(%)
Full-time public employees:	90.0
Full-time private employees:	10.0
Part-time employees:	-
Total:	100.00

By types of career:	(%)
In-service trainees	10.0
Housewives:	-
Retired:	-
Others:	90.0
Total:	100.00

By gender:	(%)
Male:	30.0
Female:	70.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME III: *BACHELOR'S DEGREE PROGRAMME*

Level: First degree.

Titles of programmes offered in this level:

1. Bachelor of Arts
2. Bachelor of Business
3. Bachelor of Liberal Studies
4. Bachelor of Education
5. Bachelor of Nursing.

Courses of instruction:

Commercial and Management Studies:
Accountancy/Bookkeeping
Business administration
Finance
Banking
Office/Secretarial studies
Personnel
Industrial relations.
Humanities:
Contemporary and cultural studies
History
Philosophy.
Languages and Literature:
Languages: Pitjantjatjara
Literature.
Educational Studies:
Curriculum development
Child psychology and counseling
Language, reading and communication
Pre-school education
Elementary education
Secondary education
Adult learning
Science education
Technology Education.
Medical and Health Sciences:
Nursing.
Law:
Social Sciences:
Geography
Youth and Community Studies
Aboriginal Studies.

Length of course: *Minimum number of study hours per week per course:* 10 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 130 courses.

Media and methods: *Most dominant:*
Printed correspondence texts.
Dominant:
Tutoring via audio-teleconferencing.
Least dominant:
Audio-cassettes
Video-cassettes
Tutoring via mail
Face-to-face counselling
Counselling by telephone.

Language of instruction: English.

Admission requirements:
1. Pass the entrance examination
2. Have completed secondary school
3. Have work experience.

Number of students a this level: Current: 1,465.
Annual intake: 647.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Attendance of regular workshops/seminars at the other institution.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: Career service available-most students are already employed.

Profile of students in this level: *By Educational background:* Data not available.

By Employment:	(%)
Full-time public employees:	60.0
Full-time private employees:	20.0
Part-time:	5.0
Total:	100.00

By types of career:	(%)
In-service trainees:	50.0
Housewives:	5.0
Retired:	-
Total:	100.00

By gender:	(%)
Male:	35.0
Female:	65.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME IV: *GRADUATE DIPLOMA/CERTIFICATE PROGRAMMES*

Level: Graduate.

Titles of programmes offered in this level:

1. Graduate Diploma of Arts
2. Graduate Diploma of Education
3. Graduate Diploma of Teacher Librarianship
4. Graduate Diploma of Applied Social Science.

Courses of instruction:

Commercial and Management Studies:
  - Accountancy/Bookkeeping
  - Business administration
  - Finance
  - Banking
  - Office/Secretarial studies.

Educational Studies:
  - Curriculum development
  - Educational administration
  - Educational policy analysis and management
  - Child psychology and counseling
  - Language, reading and communication
  - Pre-school education
  - Elementary education
  - Secondary education
  - Adult learning
  - Youth and Community education
  - Open and distance learning.

Mathematics:
  - Computing, Computer Science.

Law:

Social Sciences:
  - Careers guidance and counseling
  - Child Development.

Services and Hospitality Science:
  - Library and information studies.

Length of course:
Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 125 courses.

Media and methods:
Most dominant:
Printed correspondence texts.
Dominant:
Tutoring via audio-teleconferencing.

Least dominant:
Telephone instruction
Counselling by telephone
Longer residential schools.

Language of instruction: English.

Admission requirements:
1. Pass the entrance examination
2. Have completed a first degree
3. Have the work experience.

Number of students at this level:
Currently: 972.
Annual intake: 480.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written intermediary examinations
3. Attendance of regular workshops/seminars at the other institution.

Final assessment: Written final examinations.

Profile of students in this level:

By Educational Background:	Proportion (%)
First degree:	100.0
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time public employees:	70.0
Full-time private employees:	20.0
Others:	10.0
Total:	100.00

By types of career: Data not available.

By gender:	(%)
Male:	30.0
Female:	70.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME V: *MASTER'S DEGREE PROGRAMME*

Level:	Postgraduate.
Titles of programmes offered in this level:	1. Master of Arts 2. Master of Education 3. Master of Nursing.
Courses of instruction:	*Commercial and Management Studies:* Personnel Industrial relations. *Humanities:* Contemporary and cultural studies Religious Studies. *Educational Studies:* Curriculum development Educational Administration Child psychology and counseling Language, reading and communication Adult learning Youth and Community Education Open and Distance Learning. *Medical and Health Sciences:* Nursing. *Social Sciences:* Aboriginal Studies.
Length of course:	*Minimum number of study hours per week per course:* 10 hours. *Total number of weeks per course:* 15 weeks. *Total number of courses making up programmes:* 30 courses.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Tutoring via audio-teleconferencing. *Least dominant:* Audio-cassettes Video-cassettes Telephone instruction Counselling by telephone.

Language of instruction: English.

Admission requirements:
1. Have completed a first degree
2. Have some work experience.

Number of students at this level:
Currently: 134.
Annual intake: 85.

Evaluation:

Continuous assessment: Written assignments for submission.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: None. Almost all of the students are employed.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary:	-
First degree:	100.0
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time public employees:	75.0
Full-time private employees:	20.0
Part-time:	5.0
Total:	100.00

By types of career: Data not available.

By gender:	(%)
Male:	35.0
Female:	65.0
Total:	100.00

Acceptance of certificates, diplomas and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

DISTANCE EDUCATION CENTRE
UNIVERSITY OF CENTRAL QUEENSLAND

INSTITUTIONAL DATA

Year of Establishment: 1968.

Name of Head: **Professor John Dekkers**
Position: *Director, DEC*
Address: Distance Education Centre
University of Central Queensland
Rockhampton Mail Centre
Queensland 4702, AUSTRALIA.
Telephone: (079) 399719, 399623
Fax: (079) 309792

Nature of institution: Conventional institution with distance teaching programmes.

Educational levels provided for DE programmes:
First Degree
Postgraduate
Continuing education
Community education.

Titles and levels of DE programmes:

Title	*Level*
1. Continuing Education	-
2. Associate Diploma	Diploma
3. Bachelor's Degree	First degree
4. Graduate Diploma	Postgraduate
5. Master's Degree	Postgraduate
6. Doctorate	Postgraduate.

Governance: A national establishment.

Objectives:
Economic development.
National development.
Personal development.
Vocational development.
Life-long recurrent education.
Compensatory nature.
Expansion of educational opportunity.
Equality of educational opportunity.
Training of skilled manpower.

	Cost-effectiveness Preservation of trained manpower Political and economic ideology Promotion of democracy Transition to conventional higher education institutions Religious and moral awareness Local cohesion Elite Training Teacher Education and Training.
Sources of financial support of DE programmes:	*Tuition Fees:* Almost free. Student pays a certain amount. *Budget:* US$4.0 million for 1990.
Trends of development of DE resources and activities:	*Expanded:* Financial provision Distance education programmes Local learning centres Telecommunication equipment Study materials and textbooks The teaching force. *Decreased:* Face-to-face sessions. *Stable:* Variety of courses offered Audio-Visual Aids Library resources. *Not applicable:* Broadcasting programmes.
Trends of enrollment in DE Programmes:	Increasing.
Number of DE students at this level:	Currently: App. 5,000. Annual intake: App. 2,000.
Number of students currently enrolled in each DE level:	Undergraduate 3,300. Postgraduate 1,700.
Number of DE graduates:	Annually: App. 650. Accumulative: App. 4,500.
Components of personnel in DE:	All faculty members are full-time employees.
Number of DE staff:	Full-time: 250 (Academic 200, Non-academic 50) Part-time: 45 (Academic 30, Non-academic 15).
Number of Courses and programmes:	Number of courses offered: 27. Number of programmes offered: 360.

Production of teaching materials/media: Teaching materials and media are produced by academic staff and staff of DEC.

Regional/Study Centres: 33 study centres available. These centers are run by Queensland Open Learning Centre Network. The sources of financial supports are from participating institutions.

Overall student Profile:

Age:

Years:	(%)
Under 20	02.0
Between 21-30	34.0
Between 31-40	44.0
Between 41-50	17.0
Between 51-60	02.0
Over 61	01.0
Total:	100.0

Gender:

Sex:	(%)
Male	58.0
Female	42.0
Total:	100.0

Income: *Level:* Data not available.

Geographical distribution: *Areas:* Data not available.

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Australian 95%; Overseas 5%.
Occupational distribution: All professions; variable from year to year.

Future development: Possible distance education development in the next 5-10 years is to admit more overseas students and to use the mode of instruction for on-campus students.

Major obstacles for implementing distance education: (1) Inadequate funding, and (2) Underdeveloped technology,i.e not transparent.

Affiliation with regional and international DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:

1. Continuing Education
2. Associate Diploma
3. Bachelor's Degree
4. Graduate Diploma
5. Master's Degree
6. Doctorates.

PROGRAMME I: *CONTINUING EDUCATION PROGRAMME*

Level: Training

Courses of instruction:

- *Commercial and Management Studies:*
  - Accountancy/Bookkeeping
  - Finance
  - Purchasing and Supply Management.
- *Languages and Literature:*
  - Languages: Reading and Writing Skills.
- *Educational Studies:*
  - Child psychology and counseling
  - Elementary education.
- *Physical Science:*
  - Chemistry
  - Applies physics
  - Astronomy.
- *Biological Science and Technology:*
  - General Biology and life sciences.
- *Mathematics:*
  - Computing, Computer Science
  - Mathematical sciences
  - Statistics.
- *Services and Hospitality Science:*
  - Tourism.

Length of course:
Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 5-15 weeks.
Total number of courses making up programmes: 1 courses.

Media and methods:
Most dominant:
Printed correspondence texts
Dominant:
Audio-cassettes
Tutoring via mail
Telephone tutoring
Tutoring via audio-teleconferencing
Kits.

Language of instruction: English.

Admission requirements: No requirement.

Number of students: Varies because of intake procedure.

Annual intake of DE students: Continuous intake.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written regular tests.

Final assessment:
1. Written final examinations.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background: Data not available.

By Employment:	(%)
Full-time employees:	60.0
Part-time employees:	10.0
Others:	30.0
Total:	100.00

By types of career:	(%)
In-service trainees:	-
Housewives:	30.0
Retired:	-
Others:	70.0
Total:	100.00

By gender:	(%)
Male:	70.0
Female:	30.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Not accepted.

PROGRAMME II: *ASSOCIATE DIPLOMA PROGRAMME*

Level: Diploma.

Courses of instruction:

Architecture and Planning:
- Housing
- Surveying
- Town Planning and Urban Studies.

Commercial and Management Studies:
- Finance
- Management
- Industrial relations.

Engineering and Technology:
- Computer technology, programming
- Electrical, electronic and microelectronic.

Physical Science:
- Chemistry
- Electronics, microelectronics
- Food science and technology
- Geological sciences
- Physics
- Applies physics
- Polymer and plastics science and technology
- Optics.

Biological Science and Technology:
- General biology and life sciences
- Applied biology
- Environmental studies
- Genetics
- Molecular biology.

Medical and Health Sciences:
- Biomedical sciences.

Mathematics:
- Computing, Computer Science
- Information technology
- Mathematical sciences
- Statistics.

Law: Contract law.

Length of course:
Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 13 weeks.
Total number of courses making up programmes: 30 courses.

Media and methods:

Most dominant:
Printed correspondence texts
Tutorial via mailing
Practical work.

Dominant:
Face-to-face tutoring
Telephone tutoring
Face-to-face counselling
Regional services
Learning centres
Residential school
Home Lab Kits
Counselling by telephone
Computer assisted learning
Telephone instruction.

Language of instruction: English.

Admission requirements:

1. Successful completion secondary school;
2. Pass the Mature Age Entry Test.
3. Trade certificate.

Number of DE students at this level:

Currently: 572.
Annual intake: 241.

Evaluation:

Continuous assessment: Written assignments for submission.

Final assessment: Written final examinations.

Profile of students in this level:

By Educational background: Data not available.

By Employment:	(%)
Full-time public:	25.0
Full-time private:	70.0
Part-time:	05.0
Total:	100.0

By types of career:	(%)
In-service trainees	-
Housewives:	10.0
Retired:	-
Others:	90.0
Total:	100.0

By gender:	(%)
Male:	60.0
Female:	40.0
Total:	100.0

Acceptance of certificates, diplomas, and degrees: Accepted as those awarded by other non-distance education institutions.

PROGRAMME III: *BACHELOR'S DEGREE PROGRAMME*

Level: First degree.

Courses of instruction:

Architecture and Planning:
- Architecture
- Housing
- Surveying
- Town Planning and Urban Studies.

Commercial and Management Studies:
- Administration
- Personnel
- Industrial relations
- Public Administration.

Humanities:
- Contemporary and cultural studies
- History
- Humanities
- Psychology.

Languages and Literature:
- Linguistics
- Languages.

Communications:
- Journalism
- Film
- Television.

Engineering and Technology:
- Computer Technology, Programming
- Electrical, Electronic and Microelectronic.
- Materials science and metallurgy.

Physical Science:
- Chemistry
- Electronics, microelectronics
- Geological sciences
- Physics
- Applies physics
- Polymer and plastics science and technology.

Biological Science and Technology:
- General Biology and life sciences
- Applied Biology
- Environmental studies
- Genetics
- Molecular biology.

Mathematics:
- Computing, Computer Science
- Information technology
- Mathematical sciences
- Statistics.

Law:
- Contract law.

Social Sciences:
- Government and politics
- International relations
- Social work
- Sociology.

Services and Hospitality Science:
- Tourism.

Length of course:
Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 13 weeks.
Total number of courses making up programmes: 32 courses.

Media and methods:
Most dominant:
Printed correspondence texts
Tutorial via mailing.
Dominant:
Face-to-face tutoring
Telephone tutoring
Face-to-face counselling
Regional services
Learning centres
Longer residential school
Home Lab Kits
Practical work
Counselling by telephone
Computer assisted learning
Telephone instruction.

Language of instruction: English.

Admission requirements:
1. Successful completion of secondary school
2. Pass the Mature Age Entry Test.

Number of DE students at this level:
Currently: 1,173.
Annual intake: 513.

Evaluation:
Continuous assessment:
1. Written assignments for submission
2. Attendance at workshops/seminars.

Final assessment: 1. Written final examination.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary (children):	90.0
First degree:	-
Others:	10.0
Total:	100.00

By Employment:	(%)
Full-time public employees:	15.0
Full-time private employee:	60.0
Others:	25.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	-
Housewives:	10.0
Retired:	-
Others:	90.0
Total:	100.00

By gender:	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Accepted.

PROGRAMME IV: *POSTGRADUATE PROGRAMMES*

Level: Postgraduate.

Titles of Programmes:
1. Graduate Diploma
2. Master's Degree.

Courses of instruction:

Commercial and Management Studies:
- Accountancy/Bookkeeping
- Administration
- Business administration
- Finance
- Management
- Marketing
- Personnel
- Taxation law
- Industrial relations
- Public administration.

Educational Studies:
- Curriculum development
- Educational administration
- Educational policy analysis and management
- Educational psychology
- Child psychology and counseling
- Language, reading and communication
- Mathematics education
- Microelectronics and computer education
- Pre-school education.

Engineering and Technology:
- Computer Technology, Programming
- Electrical, Electronic and Microelectronic.

Medical and Health Sciences:
- Biomedical Sciences
- Health Studies
- Public Health and Administration.

Mathematics:
- Computing, Computer Science
- Information technology.

Law:
- Commercial law.

Length of course:
Minimum number of study hours per week per course: 12 hours.
Total number of weeks per course: 13 weeks.
Total number of courses making up programmes: 8 courses.

Media and methods: *Most dominant:*
Printed correspondence texts
Tutorial via mailing.
Dominant:
Audio-cassettes
Tutoring via audio-teleconferencing
Face-to-face tutoring
Telephone tutoring
Counselling by telephone
Face-to-face counselling
Practical work
Regional services
Study centres
Day schools
Longer residential school
Computer assisted learning
Telephone instruction.

Language of instruction: English.

Admission requirements: Completed a first degree or equivalent.

Number of students at this level: Currently: 2,249.
Annual intake: 1,235.

Evaluation:
Continuous: Written assignments
Attendance at workshops.

Final: Written formal examination.

Educational and employment arrangements for graduates: None.

Profile of students in this level: Data not available.

Acceptance of certificate, diploma, and degree: Accepted.

DISTANCE EDUCATION CENTRE
UNIVERSITY OF SOUTHERN QUEENSLAND, TOOWOOMBA

INSTITUTIONAL DATA

Year of Establishment: 1967.

Name of Head: **Professor James Taylor**
Position: *Head, Distance Education Centre*
Address: P.O. Darling Heights
Toowoomba, 4350, Queensland, AUSTRALIA.

Telephone: (076)312-279
Telex: AA 40010
Fax: (076)361-049

Nature of institution: Conventional institution with distance teaching programme.

Educational levels provided for DE programmes:
1. First Degree
2. Diploma/Certificate
3. Graduate
4. Continuing education
5. Community education.

Titles and levels of DE programmes: Information not available.

Governance: A national establishment.

Objectives:
1. Individual vocational development
2. Training of skilled manpower
3. Personal development
4. Life-long recurrent education
5. Expansion of educational opportunity
6. Teacher Education and Training.

Sources of financial support of DE programmes: *Tuition Fees:*
1. The employer/sponsor who recommends the student to attend distance education pays all tuition expenses for the student.

2. Students are required to pay HEC only.
Budget: Approximate annual budget for distance education of this institution for 1990 was US$4.0 million. Other sources of revenue are Queensland government and DEET.

Trends of development of DE resources and activities:
Expanded:
Printed correspondence texts
Distance education programmes
Local study centres
Telecommunication equipment
Study materials and textbooks
Teaching force
Variety of courses offered
Broadcast programmes
Audio-visual aids
Face-to-face sessions
Library resources.
Decreased: None.
Stable: None.

Trends of enrollment in DE Programmes: Increasing.

Number of students at this level:
Currently: Over 7,000.
Annual intake: Over 7,000.

Number of students currently enrolled in each DE level: Data not available.

Number of DE graduates:
Annually: App. 530.
Accumulative: App. 8,940.

Components of personnel in DE:
A mix of full-time and part-time staff members.
Faculty members share their work duties between non-distance education departments and distance education departments.

Number of DE staff:
Full-time: Information not available.
Part-time: Information not available.

Number of Courses and programmes:
Number of courses offered: Data not available.
Number of programmes offered: Data not available.

Production of teaching materials/media:
1. Teaching materials and media are produced by full-time and part-time academics on the unit team basis for material development.
2. The stages are: (1) Blueprint-plan of unit, (2) Sample module, (3) Draft manuscript submitted, (4) Proofing and editing, (5) Printing.

Regional/Study Centres: 18 study centres available. These centers are run by various educational institutions such as TAFE colleges, Educational Department, etc. The sources of financial supports are from Federal and State governments. Major functions of these centers are providing tele-tutorials, study groups, facilities for students such as computers.

Overall student Profile:

Age:

Years:	(%)
Under 21	04.1
Between 21-30	46.0
Between 31-40	35.0
Between 41-50	12.5
Between 51-60	02.0
Over 61	00.4
Total:	100.0

Gender:

Sex:	(%)
Male	59.0
Female	41.0
Total:	100.0

Income: *Level:* Data not available.

Geographical distribution: *Areas:* Data not available.

Occupational and Ethnic Composition of DE Students:
Ethnic Composition: Information not available.
Occupational distribution: Information not available.

Future development: None.

Major obstacles for implementing distance education: None.

Affiliation with regional and international DE organizations:
ICDE
ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:
List of Programmes:
Not available.

DISTANCE EDUCATION DIVISION
AUSTRALIAN CATHOLIC UNIVERSITY

INSTITUTIONAL DATA

Year of Establishment: 1957/1991.

Name of Head: **Dr. Allan Doring**
Position: *Head*
Address: P.O.Box 247
Everton park, QID 4053, Australia
Telephone: (07)855-7114
Fax: (07)855-7105.

Nature of institution: Conventional institution with distance teaching programmes.

Educational levels provided for DE programmes:
First Degree
Graduate.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor of Education	Bachelor's Degree
2. Graduate Diploma of Arts (Religious Studics)	Graduate
3. Graduate Diploma of Arts (Leadership Studies)	Graduate
4. Associate Diploma in Residential Care and Management	Graduate.

Governance: A funded non-government institution.

Objectives:
1. Personal development
2. Vocational development
3. Teacher Education and Training
4. Religious and moral awareness
5. Equality of educational opportunity.

Sources of financial support of DE programmes:
Tuition Fees:
Free.
Budget: Information not available.

Trends of development of DE resources and activities:	*Expanded:* Financial provision Distance education programmes Teaching force Variety of courses offered Library resources. *Decreased:* None. *Stable:* Telecommunication equipment Study materials and textbooks. *Not applicable:* Local study centres Broadcast programmes Audio-visual aids Face-to-face sessions.
Trends of enrollment in DE Programmes:	Stable.
Number of students at this:	Currently: 616. Annual intake: 250.
Number of students currently enrolled in each DE level:	1. Bachelor of Education 189 2. Graduate Diploma -Religious Studies 236 -Leadership 156 3. Associate Diploma 35.
Number of DE graduates:	Annually: 200 graduates. Accumulative: App. 600 graduates.
Components of personnel in DE:	All faculty members are full-time employees.
Number of staff:	*Full-time:* 22. *Part-time:* 6.
Number of Courses and programmes:	Number of courses offered: 200. Number of programmes offered: 11.
Production of teaching materials/media:	Teaching materials and media are produced by academic lecturers following four major stages: (1) Writing, (2) Word Processing, (3) Checking/proof reading, and (4) Printing.
Regional/Study Centres:	No centres available.

Overall student Profile:

Age:

Years:	(%)
Between 21-30	45.0
Between 31-40	30.0
Between 41-50	15.0
Total:	100.0

Gender:

Sex:	(%)
Male	60.0
Female	40.0
Total:	100.0

Income:

Level:	(%)
Top	20.0
Middle	60.0
Bottom	20.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	70.0
Rural	30.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Data not available.
Occupational distribution: Teachers.

Future development: Possible distance education development in the next 5-10 years is the offering of Master's degree programmes and Bachelor of Nursing (Post-Registration) in 1993.

Major obstacles for implementing distance education: (1) Economic, and (2) Federal Government Policy.

Affiliation with regional and international DE organizations: ICDE
ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:
1. Graduate Programme.

PROGRAMME I: *GRADUATE PROGRAMMES*

Level: Graduate.

Courses of instruction:

Humanities:
- Theology
- Psychology
- Religion
- Religious Studies.

Educational Studies:
- Curriculum development
- Educational policy analysis and management
- Educational psychology
- Language, reading and communication
- Mathematics education
- Elementary education
- Science education.

Length of course:

Minimum number of study hours per week per course: 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 8 courses.

Media and methods:

Most dominant:
- Printed correspondence texts
- Tutorial via mailing.

Dominant:
- Audio-cassettes
- Telephone instruction
- Face-to-face tutoring
- Telephone tutoring
- Tutoring via audio-teleconferencing
- Regional services
- Study centres
- Day schools
- Weekend schools.

Least dominant:
- Longer residential school
- Evening schools
- Practical work
- Kits
- Counselling via other media
- Face-to-face counselling

Tutoring via video teleconferencing
Compact discs
Databases
View data
Audio-graphics
Computer assisted learning
Cable television
Satellite television
Television.

Language of instruction: English.

Admission requirements: Completed first degree.

Number of students: Data not available.

Annual intake of DE students: Data not available.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Written intermediary examinations
4. Attendance of regular workshops/seminars at the other institution

Final assessment:
1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	Proportion (%)
First degree:	100.0
Higher degree:	-
Total:	100.00
By Employment:	(%
Full-time private employees:	80.0
Part-time employees:	20.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	80.0
Housewives:	5.0
Retired:	-
Others:	15.0
Total:	100.00
By gender:	(%)
Male:	60.0
Female:	40.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

OPEN LEARNING INSTITUTE
CHARLES STURT UNIVERSITY, BATHURST

INSTITUTIONAL DATA

Year of Establishment: 1971.
(As a distance education provider)

Name of Head: **Professor C.D. Blake**
Position: *Vice-Chancellor*
Address: **Main Campus:** The Chancellery
Private Bag 99
Bathurst, NSW 2795, AUSTRALIA.
Telephone: (069)328471
Fax: (069)322914

Address: **Open Learning Institute:**
P.O.Box 588
Telephone: Wagga Wagga, NSW 2650, AUSTRALIA.
Fax: (069)22-2877
(069)22-2882.

Nature of institution: Conventional institution with distance teaching programmes.

Educational levels provided for DE programmes:
1. Pre-degree
2. Diploma/Certificate
3. First Degree
4. Postgraduate
5. Continuing education.

Titles and levels of DE programmes:

Title	*Level*
1. Associate Diploma	Pre-degree
2. Bachelor's Degree	First degree
3. Graduate Diploma	Graduate
4. Graduate Certificate	Graduate
5. Master's Degree	Graduate
6. Continuing Education	Training.

Governance: A national, multi-campus, non-distance education institution with distance education departments/programmes.

Objectives:
1. Vocational development
2. Training of skilled manpower

3.Personal development
4.Life-long recurrent education
5.Equality of educational opportunity
6.Vocational training
7.Teacher Education and Training
8.Cost-effectiveness.

Sources of financial support of DE programmes:

Tuition Fees:
1.The employer/sponsor who recommends the student to attend distance education pays all tuition expenses for the student.
2.The student pays all tuition expenses by himself/herself for the amount up to US$2,700 per annum for Graduate Certificate.
3.Students are required to pay US$750.0 of tuition charges per year for Higher Education Contribution(HEC) to government.
4.Sales profits from teaching materials and income from providing professional services to other institutions support students' fees.
5. Government funding.

Budget: Approximate annual budget for distance education of this institution for 1990 was US$16 million.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Telecommunication equipment
Study materials and textbooks
The teaching force
Variety of courses offered
Broadcasting programmes
Audio-Visual Aids
Library resources.
Decreased:
Local study centres.
Stable:
Face-to-face sessions.
Not applicable: None.

Trends of enrollment in DE Programmes:

Increasing.

Number of students:

Currently: 8,662.
Annual intake: 3,650.

Number of students currently enrolled in each DE level:

1. Pre-degree	144
2. Diploma	1,100
3. First degree	5,412
4. Graduate	1,700
5. Continuing Education	360

Number of annual DE graduates: App. 1,400.

Accumulative number of DE graduates: App. 11,800.

Components of personnel in DE:

1. A mix of full-time and part-time staff members.
2. Faculty members share their work duties between non-distance education departments and distance education departments.

Number of full-time staff:
Academic: 360; Non-academic: 160.
Total: 520 (Staff also service on-campus students).

Number of part-time staff:
Academic: 85; Non-academic: 40.
Total: 125.

Number of Courses and programmes:
Number of courses offered: 1,190 (subjects)
Number of programmes offered: 50
Number of levels: 5.

Production of teaching materials/media:

1. Teaching materials and media are produced by academic staff assisted by course designers
2. The refinement of manuscripts are usually done by academic authors and development of complementary media
3. The stages are: (1) Proposal, (2) Preparation of subject outlines, (3) Accreditation, (4) Subject design, (5) Subject development, and (6)Delivery.

Regional/Study Centres: Not applicable.

Overall student Profile:

Age:

Years:	(%)
Under 21	01.9
Between 21-30	35.0
Between 31-40	42.0
Between 41-50	18.5
Between 51-60	02.4
Over 61	00.2
Total:	100.0

Gender:

Sex:	(%)
Male	47.0
Female	53.0

Income: Data not available.

Geographical distribution:

Areas:	(%)
Urban	51.0
Rural	49.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Majority are citizens or permanent residents of Australia, including small number of Aboriginal Australians. Citizens of New Zealand also admitted due to special economic relationship.
Occupational distribution: Majority of students enroll in a programme related to their employment.

Future development: Possible distance education development in the next 5-10 years are (1) Incorporation of distance education into open learning, (2) Increase in short programmes for professional development, (3) Rationalization of programmes, and (4) Increased use of technology.

Major obstacles for implementing distance education: (1) Staff workloads, (2) Conflict with on-campus teaching, and (3) Scarce resources.

Affiliation with regional and international DE organizations:
ICDE
ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION

List of Programmes:
1. Enabling
2. Associate Diploma
3. Bachelor's Degree
4. Graduate Diploma/Certificate
5. Master's Degree
6. Non-award.

PROGRAMME I: *ENABLING PROGRAMMES*

Level: Pre-degree.

Titles of programmes offered in this level:

1. A Successful Start in Study Today (ASSIST)
2. Aboriginal Distance Education Preparatory Training (ADEPT).

Courses of instruction:

Commercial and Management Studies:
- Introduction.

Humanities:
- Contemporary and cultural studies
- History: Oral Local History.

Languages and Literature:
- Languages: English Writing Skills and Reading Skills.

Physical Science:
- Chemistry
- Physics.

Mathematics:
- Algebra
- Trigonometry
- Statistics.

Social Sciences:
- Economics
- Geography
- Government and Politics
- Social Studies/Civics
- International Relations.

Length of course:

Minimum number of study hours per week per course: 9-10 hours.
Total number of weeks per course: 18 weeks.
Total number of courses making up programmes: 4 courses.

Media and methods:

Most dominant:
Printed correspondence texts.
Dominant:
Telephone instruction
Tutoring via mail
Counselling by telephone
Weekend schools
Longer residential schools.
Least dominant:
Face-to-face tutoring.

Language of instruction: English.

Admission requirements:
1.Reaching the age level of 19 years;
2.Be a citizen of the country;
3.Numerate and literate.

Number of students at this level:
Currently :144.
Annual intake: 170.

Evaluation:

Continuous: Written assignments for submission

Final: Written final examinations.

Educational and employment arrangements for graduates: Eligibility for admission to undergraduate programmes.

Profile of students in this level:

By Educational background:	(%)
Secondary:	80.0
Within post-secondary experience:	20.0
Total:	100.00
By Employment:	(%)
Full-time public employees:	30.0
Full-time private employees:	40.0
Unemployed:	20.0
Others:	10.0
Total:	100.00
By types of career:	(%)
In-service trainees:	05.0
Housewives:	30.0
Retired:	05.0
Others:	60.0
Total:	100.00
By gender:	(%)
Male:	40.0
Female:	60.0
Total:	100.00

Acceptance of certificates: Accepted by universities as prerequisite for undergraduate study.

PROGRAMME II: *ASSOCIATE DIPLOMA PROGRAMMES*

Level: Pre-degree.

Titles of programmes offered in this level:

Associate Diploma of Applied Science (Computing)
Associate Diploma in Criminal Justice
Associate Diploma of Social Science (Developmental Disabilities)
Associate Diploma of Social Science (Policing Studies)
Associate Diploma of Applied Science (Amenity Horticulture)
Associate Diploma of Applied Science (Horse Husbandry)
Associate Diploma of Applied Science (Viticulture)
Associate Diploma in Applied Science (Environmental Technology)
Associate Diploma of Applied Science (Medical Laboratory Science)
Associate Diploma of Parks and Recreation.

Courses of instruction:

Agricultural Sciences:
- Agriculture
- Veterinary science
- Farming
- Park Management.

Engineering and Technology:
- Computer technology, programming.

Physical Science:
- Chemistry.

Biological Science and Technology:
- Applied Biology
- Environmental studies.

Medical and Health Sciences:
- Biomedical sciences.

Social Sciences:
Law:
- Criminal Justice
- Police Training.

Length of course:

Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 13 weeks.
Total number of courses making up programmes: 16 courses.

Media and methods:

Most dominant:
Printed correspondence texts.

Dominant:
Audio-cassettes
Telephone tutoring
Tutoring via audio-teleconferencing
Practical work
Weekend schools
Longer residential school.

Language of instruction: English.

Admission requirements:

1. Reaching the age level of 21 years
2. Be a citizen of the country
3. Numerate and literate
4. Be a current employee (for some programmes only).

Number of students at this level:
Currently: 1,100.
Annual intake: 350.

Evaluation:
Continuous: Written assignments for submission
Final: Written final examinations.

Educational and employment arrangements for graduates: Eligibility for admission to Bachelor degree programmes, employment or promotion.

Profile of students in this level:

By Educational Background:	Proportion (%)
Primary:	
Secondary:	90.0
Others:	10.0
Total:	100.00

By Employment:	(%)
Full-time public employees:	50.0
Full-time private employees:	20.0
Part-time:	10.0
Unemployed:	05.0
Others:	15.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	50.0
Housewives:	20.0
Retired:	05.0
Others:	25.0
Total:	100.00

By gender:	(%)
Male:	55.0
Female:	45.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: The final award is accepted by employers and other universities as prerequisite for Bachelor degree study.

PROGRAMME III: *BACHELOR'S DEGREE PROGRAMMES*

Level: First degree.

Titles of programmes offered in this level: Bachelor's degree programmes in
Business (9)
Computing (3)
Social Welfare (6)
Library Science (1)
Agriculture (3)
Applied Science (8)
Health Studies (6)
Education (7)
Humanities (2)
Parks and Recreation (1)
Public Administration (2).

Courses of instruction:

Agricultural Sciences:
- Agriculture
- Parks and Recreation.

Commercial and Management Studies:
- Accountancy/Bookkeeping
- Administration
- Business administration
- Finance
- Management
- Banking
- Real Estate
- Marketing
- Personnel
- Industrial relations
- Public administration.

Humanities:
- History
- Theology.

Languages and Literature:
- Languages: English
- Literature: English.

Educational Studies:
- Mathematics education
- Pre-school education
- Elementary education
- Secondary education.

Physical Science:
- Chemistry
- Applies physics.

Biological Science and Technology:
- General Biology and life sciences
- Applied Biology
- Environmental studies.

Medical and Health Sciences:
- Biomedical sciences
- Nursing
- Public health and administration.

Mathematics:
- Computing, Computer Science
- Information technology
- Mathematical sciences
- Statistics.

Law:
- Criminology
- Police Training.

Social Sciences:
- Economics
- Geography
- Social Work
- Sociology.

Services and Hospitality Science:
- Library and information studies
- Recreation and sport.

Length of course: *Minimum number of study hours per week per course:* 10 hours.
Total number of weeks per course: 13 weeks.
Total number of courses making up programmes: 24 courses.

Media and methods: *Most dominant:*
Printed correspondence texts.
Dominant:
Audio-cassettes
Telephone tutoring
Tutoring via audio-teleconferencing
Kits
Practical work
Weekend schools
Longer residential school.

Language of instruction: English.

Admission requirements:
1. Reaching the age level of 21 years
2. Be a citizen of the country

3. Numerate and literate
4. Be a current employee (for some programmes only).

Number of students at this level: Currently: 5,412.
Annual intake: 1,800.

Evaluation:

Continuous: Written assignments for submission

Final: Written final examinations.

Educational and employment arrangements for graduates: Eligibility for admission to Graduate degree programmes, professional appointment or promotion.

Profile of students in this level:

By Educational Background:	Proportion (%)
Primary:	-
Secondary:	90.0
Others:	10.0
Total:	100.00

By Employment:	(%)
Full-time public employees:	50.0
Full-time private employees:	30.0
Part-time:	05.0
Unemployed:	05.0
Others:	10.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	60.0
Housewives:	10.0
Retired:	05.0
Others:	25.0
Total:	100.00

By gender:	(%)
Male:	45.0
Female:	55.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted by employers and other universities as prerequisite for graduate study.

PROGRAMME IV: *GRADUATE DEGREE PROGRAMMES*

Level: Postgraduate.

Titles of programmes offered in this level:

- Master's degree programmes in Business (4 programmes)
  - Graduate certificate programmes in Business (7)

- Master's degree programme in Computing (1)
  - Graduate diploma programmes in Computing (3)

- Master's degree programmes in Social Welfare (3)
  - Graduate diploma programme in Social Welfare (1)
    - Graduate certificate programme in Social Welfare (1)

- Master's degree programmes in Agriculture (2)
  - Graduate diploma programme in Agriculture (1)

- Master's degree programme in Applied Science (1)
  - Graduate diploma programme in Library Science (1)

- Master's degree programmes in Health Studies (2)
  - Graduate diploma programme in Health Studies (1)

- Master's degree programmes in Education (5)
  - Graduate diploma programmes in Education (5)
    - Graduate certificate programmes in Education (5)

- Master's degree programme in Humanities (1)

- Master's degree programme in Public Administration (1)
  - Graduate certificate programme in Public Administration (1).

Courses of instruction:

Agricultural Sciences:
- Agriculture.

Commercial and Management Studies:
- Accountancy/Bookkeeping
- Administration
- Business administration
- Finance
- Management
- Marketing
- Personnel
- Public administration.

Humanities:
  - Psychology.

Educational Studies:
  - Curriculum development
  - Educational administration
  - Educational policy analysis and management
  - Educational psychology
  - Child psychology and counseling
  - Language, reading and communication
  - Mathematics education
  - Microelectronics and computer education
  - Pre-school education
  - Elementary education
  - Secondary education
  - Science education.

Communications:
  - Journalism
  - Film
  - Television.

Physical Science:

Medical and Health Sciences:
  - Biomedical sciences
  - Health studies
  - Public health and administration.

Mathematics:
  - Computing, Computer Science
  - Information technology
  - Statistics.

Social Sciences:
  - Economics
  - Sociology
  - Counselling.

Services and Hospitality Science:
  - Library and information studies.

Length of course: *Minimum number of study hours per week per course:* 10 hours.
Total number of weeks per course: 13 weeks.
Total number of courses making up programmes:
Master's degree programmes 8-16.
Graduate certificate programmes 4.
Graduate diploma programmes 8.

Media and methods: *Most dominant:*
Printed correspondence texts.
Dominant:
Audio-cassettes
Video-cassettes
Telephone tutoring

Tutoring via audio-teleconferencing
Kits
Practical work
Weekend schools
Longer residential school
Computer assisted learning
Telephone instruction
Counselling by telephone.

Language of instruction: English.

Admission requirements:
1. Reaching the age level of 21 years
2. Be a citizen of the country
3. Have a Bachelor's degree
4. Be a current employee (for some programmes only).

Number of students at this level:
Currently: App. 1,700.
Annual intake: 930.

Evaluation:

Continuous: Written assignments for submission

Final: Written final examinations
Thesis.

Educational and employment arrangements for graduates: Access to higher level of education. Some qualifications provide eligibility for professional appointment or promotion.

Profile of students in this level:

By Educational Background:	Proportion (%)
First degree:	90.0
Higher degree:	05.0
Total:	100.00

By Employment:	(%)
Full-time public employees:	50.0
Full-time private employees:	30.0
Part-time:	05.0
Others:	15.0
Total:	100.00

By types of career:	(%)
In-service trainees:	10.0
Housewives:	05.0
Retired:	05.0
Others:	80.0
Total:	100.00

By gender:	(%)
Male:	60.0
Female:	40.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted by employers and included in Register of Australian Tertiary Education.

PROGRAMME VI: *NON-AWARD PROGRAMMES*

Level:	Continuing Education.
Titles of programmes offered in this level:	1. Associate Student Programme 2. Nursing Skills Upgrade Programme 3. Professional Upgrade Programme in Accounting Local Government Institute of Chartered Accountants Australian Institute of Banking Tax and Management Accountants Marketing Research St.George Building Society Westpac Bank Telecom.
Courses of instruction:	*Commercial and Management Studies:* Accountancy/Bookkeeping Business administration Finance Management Banking Personnel. *Humanities:* Psychology. *Medical and Health Sciences:* Nursing.
Length of course:	*Minimum number of study hours per week per course:* 10 hours. *Total number of weeks per course:* 13 weeks. *Total number of courses making up programmes:* Variable.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Audio-cassettes Telephone tutoring Tutoring via audio-teleconferencing Face-to-face counselling Counselling by telephone Longer residential school.

Language of instruction: English.

Admission requirements:
1.Reaching the age level of 21 years
2.Be a citizen of the country
3.Numerate and literate and, for some programme, a graduate.

Number of students at this level:
Currently :306.
Annual intake: 400.

Evaluation:

Continuous: Written assignments for submission

Final: Written final examinations.

Educational and employment arrangements for graduates: Professional recognition and promotion.

Profile of students in this level:

By Educational Background:

	(%)
First degree:	80.0
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time public employees:	20.0
Full-time private employees:	70.0
Part-time:	10.0
Total:	100.00

By types of career:	(%)
In-service trainees:	30.0
Others:	70.0
Total:	100.00

By gender:	(%)
Male:	60.0
Female:	40.0
Total:	100.00

Acceptance of certificates, diplomaa, and degrees: Accepted and recognized by professional organizations.

TEACHING LEARNING GROUP
DISTANCE EDUCATION SECTION
CURTIN UNIVERSITY OF TECHNOLOGY, PERTH

INSTITUTIONAL DATA

Year of Establishment: 1972.

Name of Head: **Assoc. Prof. C. R. Latchem**
Position:
Address: P.O.Box U1987
Perth 6001 Western Australia
AUSTRALIA.
Telephone: (09) 351-7933
Telex: AA 92983
Fax: (09) 351-3051

Nature of institution: Conventional institution with distance teaching programmes.

Educational levels provided for DE programmes:
1. Diploma/Certificate
2. First Degree
3. Graduate
4. Postgraduate
5. Continuing education.

Titles and levels of DE programmes:

Title	*Level*
1. Associate Diploma	Diploma/certificate
2. Bachelor's Degree	First degree
3. Postgraduate Diploma	Graduate
4. Master's Degree	Graduate
5. Certificate	Continuing education.
6. Doctor of Applied Science	Graduate.

Governance: A national establishment.

Objectives:
1. Equality of educational opportunity
2. Expansion of educational opportunity.

Sources of financial support of DE programmes:

Tuition Fees:
(1) Students are required to pay US$493.00 of tuition charges per semester, and (2) Government funding.
Budget: Data not available.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance Education programmes
Local study centres
Telecommunication equipment
Study materials and textbooks
Teaching force
Variety of courses offered
Broadcast programmes
Audio-visual aids
Face-to-face sessions
Library resources
Video-conferencing.
Decreased: None.
Stable: None.
Not applicable: None.

Trends of enrollment in DE Programmes:

Stabilizing.

Number of DE students:

Annually: App. 2,500.
Accumulative: Data not available.

Number of students currently enrolled in each DE level:

Level of Education	Enrolment Figure
1. Diploma/certificate	45
2. Bachelor's degree	650
3. Graduate	550

Number of annual DE graduates:

Data not available.

Accumulative number of DE graduates:

Data not available.

Components of personnel in DE:

1. A mix of full-time and part-time staff members.
2. Faculty members share their work duties between non-distance education departments and distance education departments.

Number of full-time staff:

Data not available.

Number of part-time staff: Data not available.

Number of Courses and programmes: Number of courses offered: 25.
Number of programmes offered: 3.

Production of teaching materials/media: Teaching materials and media are produced by academic staff from teaching areas. External study materials are expanded from internal lecture notes. The stages are: (1) Hand written draft, (2) Instructional design, (3) Desk top publisher, (4) Proof reading by instructional designer and academic author, (5) Correction, (6) Printing, and (7) Producing accompanying AV materials, TV programmes, computer managed learning (CML) and some computer assisted learning (CAL) materials.

Regional/Study Centres: 13 study centres available. These centers are run by TAFE and Community colleges (6), and Addition Learning Network Centres (7). The sources of financial supports are from government.
Major functions are:

1. Providing tutorial sessions
2. Providing counselling services
3. Providing skill teaching
4. Providing examinations.

Overall student Profile:

Age:

Years:	(%)
Under 21	00.8
Between 21-30	36.4
Between 31-40	38.8
Between 41-50	21.1
Between 51-60	02.7
Over 61	00.2
Total:	100.0

Gender:

Sex:	(%)
Male	43.2
Female	56.8
Total:	100.0

Incom: Data not available.

Geographical distribution:

Areas:	No. of Students
Urban Western Australia	467
Rural Western Australia	426
Interstate	331
Overseas	27

Occupational and Ethnic Composition of DE Students:	*Ethnic Composition:* Data not available. *Occupational distribution:* Data not available.
Future development:	None.
Major obstacles for implementing distance education:	None.
Affiliation with regional and international DE organizations:	None.
PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:	List of Programmes: 1. Associate Diploma 2. Bachelor's Degree 3. Postgraduate.

PROGRAMME I: *ASSOCIATE DIPLOMA PROGRAMMES*

Level: Diploma/certificate.

Titles of programmes offered in this level: 1. Associate Diploma in Occupational Health and Safety.

Courses of instruction:

Commercial and Management Studies:
  Management
  Industrial relations.
Physical Science:
  Chemistry
  Physics.
Medical and Health Sciences:
  Safety and Occupational Health
  Health studies.
Law:
  Industrial Law.

Length of course:

Minimum number of study hours per week per course: 3.25 hours.
Total number of weeks per course: 17 weeks.
Total number of courses making up programmes: 19 courses.

Media and methods:

Most dominant:
Printed correspondence texts
Dominant:
Audio-cassettes
Day schools.
Least dominant: None.

Language of instruction: English.

Admission requirements:

1. Complete the tertiary entrance requirement
2. Be a citizen of the country
3. Get recommendation from his/her employer
4. Have some work experience.

Number of students: 45 students.

Annual intake of DE students: 20 students.

Evaluation:	
Continuous assessment:	1. Written assignments for submission 2. Written regular tests 3. Written intermediary examinations 4. Three week period of full-time study on campus.
Final assessment:	Written final examinations.
Educational and employment arrangements for graduates:	None. Students are already employed.
Profile of students in this level:	Data not available.
Acceptance of certificate, diploma, and degree:	Accepted as equal to a comparable award given by other non-distance education institutions.

PROGRAMME II: *BACHELOR'S DEGREE PROGRAMMES*

Level: First degree.

Courses of instruction:

Agricultural Sciences:
- Agriculture
- Agricultural engineering
- Farming.

Commercial and Management Studies:
- Business administration
- Finance
- Management
- Banking
- Real Estate
- Marketing
- Office/Secretarial studies
- Personnel
- Industrial relations.

Humanities:
- History
- Psychology.

Educational Studies:
- Curriculum development
- Educational administration
- Educational policy analysis and management
- Educational psychology
- Child psychology and counseling
- Pre-school education
- Elementary education
- Secondary education
- Adult learning
- Technology Education.

Biological Science and Technology:
- Applied Biology
- Genetics.

Medical and Health Sciences:
- Biomedical sciences
- Nursing.

Law: Business Law.

Social Sciences:
- Economics
- Geography
- Government and Politics

Social Work
Sociology
Anthropology.
Services and Hospitality Science:
Library and information studies.

Length of course:

Minimum number of study hours per week per course: 4 hours.
Total number of weeks per course: 17 weeks.
Total number of courses making up programmes: 344 courses.

Media and methods:

Most dominant:
Printed correspondence texts
Dominant:
Audio-cassettes
Video-cassettes
Computer managed learning (CML)
Computer assisted learning(CAL)
Tutoring via audio-video teleconferencing
Least dominant:
Tutoring via video teleconferencing
Television via designated channel
Counselling by telephone.

Language of instruction: English.

Admission requirements:

1. Complete the tertiary entrance requirement or 21 years of age or higher
2. Be a citizen of the country
3. Get recommendation from his/her employer
4. Have some work experience
5. Overseas full-fee payers must satisfy the competency in English requirement.

Number of students: App. 18,000.

Annual intake of DE students: App. 4,000.

Evaluation:

Continuous assessment:

1. Written assignments for submission
2. Written intermediary examinations
3. Attendance of regular workshops/seminars
4. Three week period of full-time study on campus.

Final assessment:

1. Written final examinations.
2. Final take home assignments.

Educational and employment arrangements for graduates:	None.
Profile of students in this level:	Data not available.
Acceptance of certificate, diploma, and degree:	Accepted as equal to a comparable award given by other non-distance education institutions.

PROGRAMME III: *MASTER'S DEGREE PROGRAMMES*

Level: Postgraduate.

Courses of instruction:

Commercial and Management Studies:
- Administration
- Business administration
- Finance
- Management
- Marketing
- Personnel
- Industrial relations.

Educational Studies:
- Educational administration
- Educational policy analysis and management
- Science education.

Engineering and Technology:
- Metallurgy.

Medical and Health Sciences:
- Radiology/Medical Imaging
- Health Promotion.

Length of course:

Minimum number of study hours per week per course: 3 hours.
Total number of weeks per course: 17 weeks.
Total number of courses making up programmes: 56 courses.

Media and methods:

Most dominant:
Printed correspondence texts
Dominant:
Audio-cassettes
Tutoring via audio-teleconferencing.
Least dominant:
Counselling by telephone.

Language of instruction: English.

Admission requirements:

1. Complete the first degree
2. Be a citizen of the country
3. Have one year of work experience.

Number of students: Data not available.

Annual intake of DE students:	Data not available.
Evaluation:	
Continuous assessment:	1. Written assignments for submission 2. Written intermediary examinations 3. Attendance of regular workshops/seminars
Final assessment:	1. Written final examinations. 2. Final take-home assignments.
Educational and employment arrangements for graduates:	None.
Profile of students in this level:	Data not available.
Acceptance of certificate, diploma, and degree:	Accepted as equal to a comparable award given by other non-distance education institutions.

PROGRAMME IV: *DOCTORAL DEGREE PROGRAMMES*

Level:	Postgraduate.
Courses of instruction:	*Science and Maths Education:* Gender issues Teaching and learning Classroom and environments Curriculum issues in science Mathematics and technology education.
Length of course:	*2 to 5 years full-time, or 3 to 7 years part-time.*
Media and methods:	*Most dominant:* Counselling. *Dominant:* Tutoring via audio-teleconferencing/counselling. *Least dominant:* Printed correspondence texts.
Language of instruction:	English.
Admission requirements:	1. Curtin's Master of Science (Science Education) or another equivalent Master's degree 2. A relevant honours degree (nornally Class 1 or 2A), together with a relevant qualification in education and work experience in education 3. Supior performance in Curtin's Postgraduate Diploma in Science Education equivalent to a first class honours degree 4. Other qualifications and background which warrant special consideration.
Number of students:	Data not available.
Annual intake of DE students:	Data not available.
Evaluation:	
Continuous assessment:	Presentations, assignments and minor projects Research and thesis.

Final assessment: Examination of thesis.

Educational and employment arrangements for graduates: None.

Profile of students in this level: Data not available.

Acceptance of certificate, diploma, and degree: Accepted as equal to a comparable award given by other non-distance education institutions.

EXTERNAL STUDIES
EDITH COWAN UNIVERSITY

INSTITUTIONAL DATA

Year of Establishment:
1975 as part of Mt.Lawley College of Advanced Education
1981 as part of Edith Cowan University.

Name of Head: **Assoc. Professor Antony Charles Knight**
Position: *Head of External Studies*
Address: P.O Box 830
Claremont, Western Australia 6010
Telephone: (09) 383-8500
Fax: (09) 383-8495

Nature of institution: Conventional institution with distance teaching department.

Educational levels provided for DE programmes:
Pre-degree
Diploma/Certificate
First Degree
Postgraduate

Titles and levels of DE programmes:

Title	*Level*
1. Aboriginal University Orientation Course	Pre-degree
2. Associate Diploma (Applied Science, Health Science, Arts, Social Sciences)	Diploma
3. Bachelor of Arts, Business, Education, Health Science	First degree
4. Graduate Diploma of Applied Science, Arts Education	Postgraduate
5. Master of Arts Education	Postgraduate.

Governance: A national establishment.

Objectives:
1. Expansion of educational opportunity
2. Teacher Education and Training
3. Transition to conventional higher education institutions.

Sources of financial support of DE programmes:
Tuition Fees: Students pay US$1,600 of Australian HECS.
Budget: US$4.0 million for 1990.

Trends of development of DE resources and activities:

Expanded: Financial provision
Distance education programmes
Telecommunication equipment
Study materials and textbooks
Teaching force
Variety of courses offered
Audio-visual aids
Library resources.
Decreased: None.
Stable: Local study centres
Broadcast programmes
Face-to-face sessions.
Not applicable: None.

Trends of enrollment in DE Programmes:

Increasing.

Number of DE students:

Current number of students: App. 3,500.
Annual intake: App. 4,500.

Number of students currently enrolled in each DE level:

1. Pre-degree	300
2. Diploma	700
3. Degree	1,800
4. Postgraduate	710

Number of DE graduates:

Annually: App. 400.
Accumulative: App. 6,000.

Components of personnel in DE:

Faculty members share their work duties between a conventional university and the distance education institution.

Number of DE staff:

Full-time: External Studies 35 (Academic 6, Non-academic 29)
Part-time: 28 Academic (28 sessional academic staff)
Note: For Internal Studies, there are totally 308 staff (Academic/internal teaching faculties 280, Non-academic 28 for internal shared duties).

Number of courses and programmes:

Number of courses offered: 160.
Number of programmes offered: 2.

Production of teaching materials/media:

Produced by faculty members. Academic staff write units assisted by instructional designers and coordinators in External Studies along the following stages: (1) Author draft based on guides supplied by External Studies, (2) Draft organized into print ready form by External Studies, (3) Additional audio-visual materials prepared by AV Centre, and (4) Materials printed ready for dispatch.

Regional/Study Centres:

Not applicable.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	1.0
Between 21-30	27.0
Between 31-40	43.0
Between 41-50	24.0
Between 51-60	4.0
Over 61	1.0
Total:	100.0

Gender:

Sex:	(%)
Male	27.0
Female	73.0
Total:	100.0

Income:

Level:	(%)
Top	10.0
Middle	80.0
Bottom	10.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	60.0
Rural	40.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Minority group of Aboriginal.
Occupational distribution: Majority would be teachers.

Future development:

Possible distance education development in the next 5-10 years are the offering of Bachelor's degree and Postgraduate Diploma in Business Studies and Computer Studies in 1992.

Major obstacles for implementing distance education:

None.

Affiliation with regional and international DE organizations:

ICDE
ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION

List of Programmes:
1. Postgraduate
2. Diploma/Certificate
3. Bachelor's degree
4. Pre-degree.

PROGRAMME I: *POSTGRADUATE PROGRAMMES*

Level:	Postgraduate.
Titles of Postgraduate Programmes:	1. Master of Arts 2. Master of Education 3. Graduate Diploma in Applied Sciences 4. Graduate Diploma in Arts 5. Graduate Diploma in Education.
Courses of instruction:	*Humanities:* Humanities Theology. *Languages and Literature:* Linguistics. *Educational Studies:* Curriculum development Educational administration Educational policy analysis and management Child psychology and counseling Language, reading and communication Pre-school education Elementary education Secondary education.
Length of course:	*Minimum number of study hours per week per course:* 3 hours. *Total number of weeks per course:* 15 weeks. *Total number of courses making up programmes:* 6 courses.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Video-cassettes Kits. *Least dominant:* Tutorial via mailing Counselling by telephone Audio-cassettes.
Language of instruction:	English.

Admission requirements: Before entering the distance education programme, the student must have a first degree.

Number of students: Current: 710.
Annual Intake: 50.

Evaluation:

Continuous assessment: Written assignments for submission (50-70%)

Final assessment: Written final examinations (30-50%).
Thesis 100%).

Educational and employment arrangements for graduates: Promotion in education field.

Profile of students in this level:

By Educational Background:	Proportion (%)
First degree:	70.0
Higher degree:	30.0
Total:	100.00
By Employment:	(%)
Full-time public employees:	80.0
Others:	20.0
Total:	100.00
By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	70.0
Housewives:	
Retired:	
Others:	30.0
Total:	100.00
By gender:	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME II: *ASSOCIATE DIPLOMAS*

Level:	Diploma
Titles of Programmes:	1. Associate Diploma in Applied Science 2. Associate Diploma in Health Science 3. Associate Diploma in Arts 4. Associate Diploma in Social Science.
Courses of instruction:	*Humanities:* Humanities Theology. *Languages and Literature:* Languages: Vietnamese, Portuguese. *Medicine and Health Science:* Public Health Administration. *Social Science:* Social Work Youth and Community Studies Justice Studies.
Length of course:	*Minimum number of study hours per week per course:* 3 hours. *Total number of weeks per course:* 15 weeks. *Total number of courses making up programmes:* 16 courses.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Audio-cassettes Video-cassettes Tutorial via mailing. *Least dominant:* Telephone tutoring Kits.
Language of instruction:	English.
Admission requirements:	Before entering the distance education programme, the student must 1. Pass a competitive entrance examination 2. Meet a minimum required age of 20 years.
Number of students:	Current: 700. Annual Intake: 150.

Evaluation:

Continuous assessment: Written assignments for submission (50-70%)

Final assessment: Written final examinations (30-50%).

Educational and employment arrangements for graduates: Most of the Associate Diploma courses are vocational specific and are aimed at particular employment groups, e.g. Justice Studies, both for employment and promotion.

Profile of students in this level: *By Educational Background:* Data not available.

By Employment:	(%)
Full-time public employees:	30.0
Part-time employees:	20.0
Others:	50.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	10.0
Retired:	-
Others:	90.0
Total:	100.00

By gender:	(%)
Male:	40.0
Female:	60.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME III: *BACHELOR'S DEGREE PROGRAMMES*

Level: First degree.

Titles of degree programmes:

1. Bachelor of Arts
2. Bachelor of Business
3. Bachelor of Education
4. Bachelor of Health Science
5. Bachelor of Social Sciences.

Courses of instruction:

Humanities:
- Contemporary and Cultural Studies
- Humanities
- Theology.

Languages and Literature:
- Linguistics
- Literature.

Educational Studies:
- Curriculum development
- Educational administration,policy analysis and management
- Language, reading and communication
- Mathematics Education
- Pre-school education
- Elementary education
- Secondary education.
- Youth and Community Education.

Medicine and Health Science:
- Health Studies
- Nursing.

Mathematics:
- Computer Science.

Social Science:
- Social Work
- Youth and Community Studies
- Justice Studies.

Length of course:

Minimum number of study hours per week per course: 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 22 courses.

Media and methods:

Most dominant:
Printed correspondence texts.
Dominant: Video-cassettes
Kits.

Least dominant:
Tutorial via mailing
Telephone tutoring
Audio-cassettes.

Language of instruction: English.

Admission requirements: Before entering the distance education programme, the student must pass a competitive entrance examination.

Number of students: Current: 1,810.
Annual Intake: 500.

Evaluation:
Continuous: Written assignments for submission (50-70%)

Final: Written final examinations (30-50%).

Educational and employment arrangements for graduates: Employment and promotion in the fields of studies.

Profile of students in this level:

By Educational background:	(%)
First degree:	10.0
Higher degree:	90.0
Total:	100.00

By Employment:	(%)
Full-time:	80.0
Part-time:	10.0
Others:	10.0
Total:	100.00

By types of career:	(%)
In-service trainees:	60.0
Housewives:	40.0
Total:	100.00

By gender:	(%)
Male:	30.0
Female:	70.0
Total:	100.00

Acceptance of DE degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME IV: *PRE-DEGREE PROGRAMME*

Level:	Pre-degree: Aboriginal University Orientation Course.
Courses of instruction:	*Languages and Literature:* Languages: Basic English. *Mathematics:* Statistics Foundations of Mathematics. *Social Science:* Social Studies.
Length of course:	*Minimum number of study hours per week per course:* 3 hours. *Total number of weeks per course:* 15 weeks. *Total number of courses making up programmes:* 7 courses.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Audio-cassettes Video-cassettes Face-to-face tutoring Tutorial via mailing Telephone tutoring *Least dominant:* Face-to-face counselling Kits Longer residential school.
Language of instruction:	English.
Admission requirements:	Before entering the distance education programme, the student must be 20 years old and of Aboriginal descent.
Number of students:	Current: 300. Annual Intake: 80.
Evaluation: *Continuous assessment:*	 Written assignments for submission (60%)

Final assessment: Written final examinations (40%).

Educational and employment arrangements for graduates: Entry to University degree courses.

Profile of students in this level:

By Educational Background:	Proportion (%)
First degree:	Data not available.
Higher degree:	
Total:	100.00

By Employment:	(%)
Full-time public employees:	20.0
Part-time:	30.0
Others:	50.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	Data not available.
Housewives:	
Total:	100.00

By gender:	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Not comparable with any other awards.

CENTRE FOR UNIVERSITY EXTENSION
UNIVERSITY OF QUEENSLAND, ST. LUCIA

INSTITUTIONAL DATA

Year of Establishment: 1910.

Name of Head: **Dr.W.H.Richmond**
Position: *Head of External Studies Unit*
Address: Centre for University Extension
The University of Queensland
St.Lucia, QLD 4072, AUSTRALIA.
Telephone: (07) 365-6330
Telex: UNIVQLD AA 40315
Fax: (07) 365-7599

Nature of institution: Conventional institution with distance teaching programme.

Educational levels provided for DE programmes:
1. First Degree
2. Graduate.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor's degree	Undergraduate
2. Master's degree	Graduate.

Governance: A national establishment.

Objectives:
1. Equality of educational opportunity
2. National development
3. Vocational development
4. Personal development

Sources of financial support of DE programmes: *Tuition Fees:* Students are required to pay US$2,700.00 of tuition charges of equivalent full-time study per year.
Budget: US$700,000 for 1990.

Trends of development of DE resources and activities: *Expanded:*
Telecommunication equipment
Audio-visual aids.

Decreased:
Financial provision
Distance Education programmes
Local study centres.
Stable:
Study materials and textbooks
Teaching force
Variety of courses offered
Library resources.
Not applicable:
Broadcast programmes.

Trends of enrollment in DE Programmes: Decreasing. Increasing until about 1970 and declined thereafter.

Number of DE students:
Number of current students. App. 1,600.
Annual intake: Data not available.

Number of students currently enrolled in each DE level:

1. First degree	1,350
2. Graduate	250

Number of DE graduates:
Annually: App. 200.
Accumulative: App. 8,000.

Components of personnel in DE: Faculty members share their work duties between a non-distance education departments and distance education departments.

Number of staff:
Full-time: 125.
Part-time: 20.

Number of Courses and programmes:
Number of courses offered: 4.
Number of programmes offered: 2.

Production of teaching materials/media: Produced by academic staff assisted by instructional designers and key board staff. Teaching materials and media are produced on computer and via AV facilities along the following stages: (1) Author writes materials, (2) Instructional designer (some cases) designs the materials, and (3) Keyboard and AV staff produce the final products.

Regional/Study Centres: 32 study centres available. These centers are run by Open Learning Centre Network with financial supports from distance teaching institutions in Queensland. Major functions of these centers are to provide (1) tutorial sessions (face-to-face and telephone), (2) Counselling services, (3) Computer use, (4) Examinations, and (5) Library facility.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Between 21-30	24.0
Between 31-40	36.0
Between 41-50	40.0
Between 51-60	5.0
Over 61	1.0
Total:	100.0

Gender:

Sex:	(%)
Male	40.0
Female	60.0
Total:	100.0

Income:

Level:	(%)
Top	10.0
Middle	80.0
Bottom	10.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	70.0
Rural	30.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Australian 95%; Others 5%.
Occupational distribution: Teachers 70%; Administrative/Clerical 10%; and others 20%.

Future development: None.

Major obstacles for implementing distance education: (1) Australia government policy to concentrate DE in Distance Education Centre. (At the University of Queensland, it is not DEC.) (2) Institution's own priorities lie in other areas--there is a strong demand for on-campus places.

Affiliation with regional and international DE organizations: ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. Bachelor's Degree
2. Master's Degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMME*

Level: First degree.

Courses of instruction:

- *Agricultural Sciences:*
  - Agriculture
  - Agricultural engineering
  - Farming.
- *Humanities:*
  - History: Australian, Asian, American, European
  - Humanities
  - Philosophy
  - Theology.
- *Languages and Literature:*
  - Languages: Japanese, French, Russian, German.
  - Literature: Australian, British, American, European.
- *Educational Studies:*
  - Curriculum development
  - Educational administration, policy analysis and management
  - Educational psychology
  - Child psychology and counseling
  - Language, reading and communication
  - Mathematics education
  - Microelectronics and computer education
  - Pre-school education
  - Elementary education
  - Secondary education
  - Adult learning
  - Science education
  - Educational Technology
  - Technology Education
  - Youth and Community education
  - Educational testing and evaluation
  - International education.
- *Mathematics:*
  - Computing, Computer Science.
- *Law:*
- *Social Sciences:*
  - Economics
  - Geography: National and World Geographical Science
  - Social Work.

Length of course: *Minimum number of study hours per week per course:* Not available.
Total number of weeks per course: Data not available.
Total number of courses making up programmes: Data not available.

Media and methods: *Most dominant:*
Printed correspondence texts
Tutorial via mailing.
Dominant:
Counselling by telephone
Telephone tutoring
Face-to-face counselling
Weekend schools.
Least dominant:
Face-to-face tutoring
Tutoring via audio-teleconferencing
kits
Practical work
Regional services
Study centres
Day schools
Evening schools
Longer residential school.

Language of instruction: English.

Admission requirements: Pass a competitive entrance examination

Number of DE students: Current: 1,350.
Annual intake: 200.

Evaluation:
Continuous Written assignments for submission

Final: Written final examinations;

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational background:	(%)
Secondary:	100.0
First degree:	-
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time public employees:	60.0
Full-time private employees:	25.0
Part-time employees:	15.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	75.0
Housewives:	8.0
Retired:	8.0
Others:	9.0
Total:	100.00

By gender:	(%)
Male:	40.0
Female:	60.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by other non-distance education institutions.

PROGRAMME II: *MASTER'S DEGREE PROGRAMME*

Level: Postgraduate

Titles of Master's degree programmes:

1. Master of Arts in Literary Studies
2. Master of Educational Studies
3. Master of Educational Administration
4. Master of Educational Psychology.

Courses of instruction:

Humanities:
    History: Australian, Asian, American, European.
Languages and Literature:
    Literature: Australian, British, American, European.
Educational Studies:
    Curriculum development
    Educational administration, policy analysis and management
    Educational psychology
    Child psychology and counseling
    Language, reading and communication
    Mathematics education
    Microelectronics and computer education
    Pre-school education
    Elementary education
    Secondary education
    Adult learning
    Science education
    Educational technology
    Technology education
    Youth and Community education
    Educational testing and evaluation
    International education.

Length of course: Data not available.

Media and methods:

Most dominant:
Printed correspondence texts
Tutorial via mailing.
Dominant:
Counselling by telephone
Face-to-face tutoring
Face-to-face counselling
Practical work
Weekend schools
Longer residential school.

Least dominant:
Tutoring via audio-teleconferencing
Kits
Regional services
Study centres
Weekend schools.

Language of instruction: English.

Admission requirements: Pass a competitive entrance examination

Number of DE students:
Current: 250.
Annual intake: 30.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Constant contact with principal advisor/tutor.

Final assessment:
1. Written final examinations
2. Thesis/Dissertation.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	(%)
Secondary:	-
First degree:	100.0
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time public:	80.0
Full-time private:	5.0
Others:	10.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	30.0
Housewives:	-
Others:	70.0
Total:	100.00

By gender:	(%)
Male:	70.0
Female:	30.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by other non-distance education institutions.

CENTRE FOR UNIVERSITY EXTENSION
THE UNIVERSITY OF QUEENSLAND

INSTITUTIONAL DATA

Year of Establishment: 1910.

Name of Head: **Dr. W. H. Richmond**
Position: *Head of External Studies Unit*
Address: Centre for University Extension
The University of Queensland
St.Lucia, QLD 4072, AUSTRALIA.
Telephone: (07) 365-6330
Telex: UNIVQLD AA 40315
Fax: (07) 365-7599

Nature of institution: Conventional institution with distance teaching programmes.

Educational levels provided for DE programmes:
1. First Degree
2. Graduate.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor's degree	Undergraduate
2. Master's degree	Graduate.

Governance: A national establishment.

Objectives:
1. Equality of educational opportunity
2. Vocational development
3. Personal development
4. National development.

Sources of financial support of DE programmes: *Tuition Fees:* Students are required to pay US$2,700.00 of tuition charges of equivalent full-time study per year.
Budget: US$400,000 for 1992.

Trends of development of DE resources and activities: *Expanded:*
Telecommunication equipment
Audio-visual aids.
Decreased:
Financial provision

Distance education programmes
Local study centres.
Stable:
Study materials and textbooks
Teaching force
Variety of courses offered
Library resources.
Not applicable:
Broadcast programmes.

Trends of enrollment in DE Programmes: Decreasing. Increasing until about 1970 and declined thereafter.

Number of DE students:
Current: App. 1,600.
Annual intake: App. 100.

Number of students currently enrolled in each DE level:

1. First degree	1,350
2. Graduate	250

Number of DE graduates:
Annual: App. 200.
Accumulative: App. 8,000.

Components of personnel in DE: Faculty members share their work duties between a non-distance education departments and distance education departments.

Number of staff:
Full-time: 125.
Part-time: 20.

Number of Courses and programmes:
Number of courses offered: 4.
Number of programmes offered: 2.

Production of teaching materials/media: Teaching materials and media are produced by academic staff assisted by instructional designers and key board staff. They are produced on computer and via AV facilities along the following stages: (1) Author writes materials, (2) Instructional designer (some cases) designs the materials, and (3) Keyboard and AV staff produce the final products.

Regional/Study Centres: 32 local study centres are available. These centers are run by Open Learning Centre Network with financial supports from distance teaching institutions in Queensland. Major functions of these centers are: (1) Providing tutorial sessions(face-to-face and telephone) (2) Providing counselling services, (3) Providing computer use, (4) Providing examinations, and (5) Library facility.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Between 21-30	24.0
Between 31-40	36.0
Between 41-50	40.0
Between 51-60	5.0
Over 61	1.0
Total:	100.0

Gender:

Sex:	(%)
Male	40.0
Female	60.0
Total:	100.0

Income:

Level:	(%)
Top	10.0
Middle	80.0
Bottom	10.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	70.0
Rural	30.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic composition:* Australian 95%; Others 5%.
Occupational distribution: Teachers 70%; Administrative/Clerical 10%; and others 20%.

Future development: Uncertain.

Major obstacles for implementing distance education: (1) Australia government policy to concentrate DE in Distance Education Centre. The University of Queensland is not a DEC.
(2) Institution's own priorities lie in other areas--there is a strong demand for on-campus places.

Affiliation with regional and international DE organizations: ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:
1. Bachelor's Degree
2. Master's Degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMME*

Level: First degree.

Courses of instruction:

- *Agricultural Sciences:*
  - Agriculture
  - Agricultural engineering
  - Farming.
- *Humanities:*
  - History: Australian, Asian, American, European
  - Humanities
  - Philosophy
  - Theology.
- *Languages and Literature:*
  - Languages: Japanese, French, Russian, German.
  - Literature: Australian, British, American, European.
- *Educational Studies:*
  - Curriculum development
  - Educational administration, policy analysis and management
  - Educational psychology
  - Child psychology and counseling
  - Language, reading and communication
  - Mathematics education
  - Microelectronics and computer education
  - Pre-school education
  - Elementary education
  - Secondary education
  - Adult learning
  - Science education
  - Educational Technology
  - Technology Education
  - Youth and Community education
  - Educational testing and evaluation
  - International education.
- *Mathematics:*
  - Computing, Computer Science.
- *Law:*
- *Social Sciences:*
  - Economics
  - Geography:National and World Geographical Science
  - Social Work.

Length of course: *Minimum number of study hours per week per course:* Variable.
Total number of weeks per course: Variable.
Total number of courses making up programmes: Variable.

Media and methods: *Most dominant:*
Printed correspondence texts
Tutorial via mailing.
Dominant:
Counselling by telephone
Telephone tutoring
Face-to-face counselling
Weekend schools.
Least dominant:
Face-to-face tutoring
Tutoring via audio-teleconferencing kits
Practical work
Regional services
Study centres
Day schools
Evening schools
Longer residential school.

Language of instruction: English.

Admission requirements: Pass a competitive entrance examination

Number of students: Current: 1,350.
Annual intake: 200 .

Evaluation:
Continuous assessment: Written assignments for submission

Final assessment: Written final examinations

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary:	100.0
First degree:	-
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time public employees:	60.0
Full-time private employees:	25.0
Part-time employees:	15.0
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	75.0
Housewives:	8.0
Retired:	8.0
Others:	9.0
Total:	100.00

By gender:	(%)
Male:	40.0
Female:	60.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given to on-campus students of the institution.

PROGRAMME II: *MASTER'S DEGREE PROGRAMME*

Level: Graduate.

Titles of Master's degree programmes:

1. Master of Arts in Literary Studies
2. Master of Educational Studies
3. Master of Educational Administration
4. Master of Educational Psychology.

Courses of instruction:

Humanities:
  History: Australian, Asian, American, European.
Languages and Literature:
  Literature: Australian, British, American, European.
Educational Studies:
  Curriculum development
  Educational administration, policy analysis and management
  Educational psychology
  Child psychology and counseling
  Language, reading and communication
  Mathematics education
  Microelectronics and computer education
  Pre-school education
  Elementary education
  Secondary education
  Adult learning
  Science education
  Educational Technology
  Technology Education
  Youth and Community education
  Educational testing and evaluation
  International education.

Length of course:

Minimum number of study hours per week per course: Variable.
Total number of weeks per course: Variable.
Total number of courses making up programmes: Variable.

Media and methods:

Most dominant:
Printed correspondence texts
Tutorial via mailing.
Dominant:
Counselling by telephone
Face-to-face tutoring
Face-to-face counselling

Practical work
Weekend schools
Longer residential school.
Least dominant:
Tutoring via audio-teleconferencing
Kits
Regional services
Study centres
Weekend schools.

Language of instruction: English.

Admission requirements: Pass a competitive entrance examination

Number of students: Current: 250.
Annual intake: 30.

Evaluation:
Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Constant contact with principal advisor/tutor.

Final assessment:
1. Written final examinations
2. Thesis/Dissertation.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary:	
First degree:	100.0
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time public:	80.0
Full-time private:	5.0
Part-time:	15.0
Total:	100.00

By types of career:	(%)
In-service trainees:	30.0
Others:	70.0
Total:	100.00

By gender:	(%)
Male:	70.0
Female:	30.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given to on-campus students of the institution.

CENTRE FOR EXTERNAL STUDIES
QUEENSLAND UNIVERSITY OF TECHNOLOGY, RED HILL

INSTITUTIONAL DATA

Year of Establishment: 1974 (for Distance Education).

Name of Head: **Assoc. Prof. B. R. Scriven**
Position: *Manager, External Studies*
Address: QUT, Locked Bag No.2
Post Office Red Hill,
Queensland, 4059, AUSTRALIA.
Telephone: (617)864-3484
Fax: (617)864-3995

Nature of institution: Conventional institution with distance teaching department.

Educational levels provided for DE programmes: First Degree
Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor of Education	Postgraduate
2. Bachelor of Teaching (Early Childhood)	First degree
3. Graduate Diploma in Education	Postgraduate
4. Graduate Diploma in Health Science (Health Education)	Postgraduate
5. Bachelor of Laws	First degree
6. Associate Diploma of Business (Industrial Relations)	First Qualification.

Governance: A national establishment.

Objectives:
1. Teacher training
2. Vocational development
3. Equality of educational opportunity.

Sources of financial support of DE programmes: *Tuition Fees:*
Students are required to pay certain amount of tuition charges depending on number of subjects studied.
Budget: Data not available.

Trends of development of DE resources and activities:	*Expanded:* Financial provision Distance education programmes Local study centres Telecommunication equipment Study materials and textbooks Teaching force Variety of courses offered Library resources. *Decreased:* Face-to-face sessions. *Stable:* Audio-visual aids. *Not applicable:* Broadcast programmes.
Trends of enrollment in DE Programmes:	Quota apply and enrollments are slowly increasing.
Number of DE students:	Current students: App. 1,800. Annual intake: Varies but app. 800.
Number of students currently enrolled in each DE level:	Degree 1,250. Graduate Diploma 550.
Number of annual DE graduates:	Not constant.
Accumulative number of DE graduates:	Not available.
Components of personnel in DE:	1. A mix of full-time and part-time staff members. 2. Faculty members share their work duties between a conventional university and the distance education institution.
Number of staff:	Full-time: App. 150. Part-time: App. 100.
Number of Courses and programmes:	Number of courses offered: App. 90 per semester. Number of programmes offered: None.
Production of teaching materials/media:	Carried out centrally by Production Unit.

Regional/Study Centres: Students make use of Queensland's Open Learning Centre Network.

Overall student Profile: Data not available.

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Not available.
Occupational distribution: Teachers 80.0% and legal offices 20.0%.

Future development: None.

Major obstacles for implementing distance education: None.

Affiliation with regional and international DE organizations: ICDE (Individual membership only)
ASPESA (Individual membership only).

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:
1. Bachelor Degree
2. Graduate Diploma.

PROGRAMME I: *BACHELOR DEGREES*

Level:	First Degree
Courses of instruction:	*Educational Studies:* Curriculum development Learning and development Child psychology and counseling Language, reading and communication Mathematics education Computer education Pre-school education Elementary education Secondary education Adult learning. *Law:* *Social Sciences:* Geography History.
Length of course:	*Minimum number of study hours per week per course:* 10 hours. *Total number of weeks per course:* 14 weeks. *Total number of courses making up programmes:* 8-30 courses varies considerably.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Tutoring via audio-teleconferencing Telephone tutoring Weekend schools Longer residential school. *Least dominant:* Study centres Face-to-face tutoring Audio-cassettes Video-cassettes.
Language of instruction:	English.
Admission requirements:	1. Have completed school matriculation/initial undergraduate qualification depending on programmes 2. Be a current employee (for one programme)

3. Have some work experience (for most courses).

Number of students: Current: 1,340.
Annual intake: More than 500.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written intermediary examinations.

Final assessment:
1. Written final examinations;
2. Oral final examinations;
3. Final take-home assignments.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	Proportion (%)
Primary (children):	Data
Secondary (children):	not
Secondary/High school	available.
Total:	100.00

By Employment:	(%)
Full-time:	90.0
Part-time employees:	5.0
Total:	100.00

By types of career:	(%)
In-service trainees	60.0
Others:	40.0
Total:	100.00

By gender:	(%)
Male:	Data not
Female:	available.
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME II: *GRADUATE DIPLOMA*

Level: Postgraduate

Courses of instruction:
Educational Studies:
- Microelectronics and computer education
- Pre-school education
- Resource teaching.

Medicine and Health Sciences:
- Health Studies.

Services:
- Library and Information Sciences.

Length of course:
Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 14 weeks.
Total number of courses making up programmes: 8 courses.

Media and methods:
Most dominant:
Printed correspondence texts.
Dominant:
Audio-cassettes
Tutoring via audio-teleconferencing
Least dominant:
Counselling by telephone
Longer residential school.

Language of instruction: English.

Admission requirements: Before entering the distance education programme, the student must have a diploma or degree.

Number of DE students:
Current: 400.
Annual intake: About 300.

Evaluation:
Continuous assessment: Written assignments for submission.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	Proportion (%)
First degree:	100.0
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time:	85.0
Part-time employees:	15.0
Total:	100.00

By types of career:	(%)
In-service trainees	90.0
Others:	10.0
Total:	100.00

By gender: Data not available.

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

EXTERNAL STUDIES CENTRE
UNIVERSITY OF NEWCASTLE

INSTITUTIONAL DATA

Year of Establishment: 1970 as part of New Castle College of Advanced Education
1989 as part of University of Newcastle.

Name of Head: **Dr. John Schiller**
Position: *Director of Off-Campus Studies*
Address: Hunter Building
University of Newcastle
NSW 2308, AUSTRALIA.
Telephone: (049) 216599
Fax: (049) 216908

Nature of institution: Conventional institution with distance teaching programmes.

Educational levels provided for DE programmes: First Degree
Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor of Education in Primary Education	First degree
2. Bachelor of Education in Early Childhood Education	First degree
3. Bachelor of Education in Design and Technology	First degree
4. Bachelor of Education in TAFE	First degree
5. Master of Education in Early Childhood Education	Graduate
6. Master of Education in Industrial Education	Graduate

Governance: A national non-distance education with distance education programme.

Objectives:
1. Teacher training
2. Vocational development
3. National development
4. Personal development.

Sources of financial support of DE programmes:
Tuition Fees: Students are required to pay US$700.00 of tuition fee annually.
Budget: US$380,000 for 1990.

Trends of development of DE resources and activities:
Expanded:
Distance education programmes
Variety of courses offered
Audio-visual aids.
Decreased:
Financial provision.
Stable:
Study materials and textbooks
Teaching force
Face-to-face sessions
Library resources.
Not applicable:
Local study centres
Telecommunication equipment
Broadcast programmes.

Trends of enrollment in DE Programmes:
Increasing.

Number of DE students:
Current students: 308.
Annual intake: Data not available.

Number of students currently enrolled in each DE level:

1. Bachelor of Education	250
2. Master of Education	58

Number of DE graduates:
Current students: App. 80.
Annual intake: App. 4,000 since 1972 and 160 since 1989.

Components of personnel in DE:
A mix of full-time and part-time staff members. Faculty members share their work duties between a conventional university and the distance education institution.

Number of staff:
Full-time: 20. (Majority of their work, however, is teaching on-campus courses); Part-time: 8.

Number of Courses and programmes:
Number of courses offered: Data not available.
Number of programmes offered: Data not available.

Production of teaching materials/media:
Teaching materials and media are produced by lecturers at University of Newcastle. Each lecturer prepares external packages independently.

Regional/Study Centres: Centres not available.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Between 21-30	10.0
Between 31-40	80.0
Between 41-50	10.0
Total:	100.0

Gender:

Sex:	(%)
Male	Data not available.
Female	
Total:	100.0

Income:

Level:	(%)
Top	-
Middle	100.0
Bottom	-
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	80.0
Rural	20.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Data not available.
Occupational distribution: Data not available.

Future development: Possible distance education development in the next 5-10 years is the offering of Bachelor of Building in 1992.

Major obstacles for implementing distance education: (1) Distance education is not perceived as high priority, (2) Reduction of Federal funding for distance education students, and (3) Insufficient allocation of resources to course development for distance education.

Affiliation with regional and international DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. Bachelor of Education
2. Master of Education.

PROGRAMME I: *BACHELOR OF EDUCATION*

Level: First degree.

Courses of instruction: *Educational Studies:*
- Curriculum development
- Educational administration
- Educational policy analysis and management
- Educational psychology
- Child psychology and counseling
- Language, reading and communication
- Microelectronics and computer education
- Pre-school education
- Elementary education
- Secondary education
- Adult learning
- Science education
- Educational Technology
- Technology Education
- Educational testing and evaluation

Length of course: *Minimum number of study hours per week per course:* 5 hours.
Total number of weeks per course: 28 weeks.
Total number of courses making up programmes: 30 courses.

Media and methods: *Most dominant:*
Printed correspondence texts
Longer residential school.
Dominant: None.
Least dominant: None.

Language of instruction: English.

Admission requirements:
1. Have a Diploma of Education
2. Be a citizen of the country
3. Have the work experience of one year.

Number of students: 250.

Annual intake of DE students: 280-300.

Evaluation:	
Continuous assessment:	1. Written assignments for submission 2. Compulsory annual residential schools.
Final assessment:	1. Written final examinations
Educational and employment arrangements for graduates:	None.
Profile of students in this level:	Data not available.
Acceptance of certificates diplomas and degrees	Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME II: *MASTER OF EDUCATION*

Level:	Postgraduate.
Courses of instruction:	*Educational Studies:* Curriculum development Educational administration Educational policy analysis and management Educational psychology Pre-school education Secondary education Adult learning Technology Education.
Length of course:	*Minimum number of study hours per week per course:* 5 hours. *Total number of weeks per course:* 28 weeks. *Total number of courses making up programmes:* 12 courses.
Media and methods:	*Most dominant:* Printed correspondence texts Longer residential school. *Dominant:* Audio-cassettes Tutoring via audio-teleconferencing. *Least dominant:* None.
Language of instruction:	English.
Admission requirements:	Have a Bachelor of Education degree.
Number of DE students:	Current students: 58. Annual intake: 5.
Evaluation: *Continuous assessment:*	1. Written assignments for submission 2. Attendance of regular workshops/seminars at a specified institution.
Final assessment:	1. Written final examinations; 2. Final take-home assignments.

Educational and employment arrangements for graduates: None.

Profile of students in this level: Data not available.

Acceptance of certificate, diploma, and degree: Accepted as equal to a comparable award given by a non-distance education institution.

CENTRE FOR EVENING AND EXTERNAL STUDIES
MACQUARIE UNIVERSITY, NSW

INSTITUTIONAL DATA

Year of Establishment: 1967.

Name of Head: **Mr. A.G. Tilley**
Position: *Head, Centre for Evening and External Studies*
Address: Macquarie University
NSW 2109, AUSTRALIA.
Telephone: 02 8057470
Telex: AA 122377
Fax: 02 8057480

Nature of institution: Conventional institution with distance teaching department.

Educational levels provided for DE programmes:
First Degree
Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor of Arts	First degree
2. Bachelor of Science	First degree
3. Bachelor of Education	First degree
4. Bachelor of Legal Studies	First degree
5. Diploma of Geoscience	Postgraduate.

Governance: A national establishment.

Objectives:
1. National development.
2. Expansion of educational opportunity
3. Equality of educational opportunity.

Sources of financial support of DE programmes:
Tuition Fees: Free.
Budget: No specific budget for distance education programmes.

Trends of development of DE resources and activities:
Expanded: Study materials and textbooks.
Decreased:
Financial provision
Variety of courses offered.

Stable:
Distance education programmes
Teaching force
Audio-visual aids
Face-to-face sessions
Library resources.
Not applicable:
Local study centres
Telecommunication equipment
Broadcast programmes.

Trends of enrollment in DE Programmes: Stable.

Number of current DE students: 1,527 units taken by external mode.

Number of annual intake of DE students: 2,633 "hybrids" of students taking at least one unit by external mode.

Number of students currently enrolled in each DE level:

	External only	Hybrid
1. Bachelor degree	1,209	2,229
2. Postgraduate	54	121
3. Non-award	177	188
4. Cross-institutional	62	70
5. Enabling	25	25
Total:	1,527	2,633

Number of DE graduates: Annual: App. 220 whose last year of attendance was external.
Accumulative: App. 3,000 whose last year of attendance was external.

Components of personnel in DE: Data not available.

Number of staff: Full-time: Data not available.
Part-time: Data not available.

Number of Courses and programmes: Information not available.

Production of teaching: Information not available.

Regional/Study Centres: Not applicable.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	3.0
Between 21-30	43.0
Between 31-40	36.0
Between 41-50	15.0
Between 51-60	2.0
Over 61	1.0
Total:	100.0

Gender:

Sex:	(%)
Male	33.0
Female	67.0
Total:	100.0

Income: *Level:* Data not available.

Geographical distribution:

Areas:	(%)
Urban	58.0
Rural	42.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Data not available.
Occupational distribution: Data not available.

Future development: None. Planning has been along with the Australian government policies in distance education.

Major obstacles for implementing distance education: (1) The Commonwealth Government's policy on distance education, and in particular its establishment of distance education centres, and incentives for non-DEC's to continue and enhance provision.

Affiliation with regional and international DE organizations:

ICDE
ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. First degree programme.

PROGRAMME I: *FIRST DEGREE PROGRAMMES*

Level: First degree.

Courses of instruction:

Humanities: History.
Languages and Literature:
  Languages: Slavonic languages.
Educational Studies:
  Curriculum development
  Language, reading and communication
  Pre-school education
  Technology Education
  Educational testing and evaluation.
Physical Science:
  Chemistry
  Geological sciences.
Biological Science and Technology:
  General Biology and life sciences
  Genetics
  Molecular biology.
Law: Australian Law.

Length of course:

Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 13 weeks.
Total number of courses making up programmes: 18 courses.

Media and methods:

Most dominant:
Printed correspondence texts
Audio-cassettes.
Dominant:
Face-to-face tutoring
Kits
Practical work
Weekend schools
Longer residential school.
Least dominant:
Telephone instruction
Tutoring via audio-teleconferencing
Face-to-face counselling
Counselling by telephone.

Language of instruction: English.

Admission requirements: Completed high school.

Number of DE students:
Current: Data not available.
Annual intake: Data not available.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Attendance of regular workshops/seminars at the other institution.

Final assessment:
1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates: The university has a careers and appointments service to assist graduates in finding employment.

Profile of students in this level:

By Educational Background:

	Proportion (%)
First degree:	98.0
Higher degree:	2.0
Total:	100.00

By Employment: Data not available.

By types of career: Data not available.

By gender: Data not available.

Acceptance of certificate, diploma, and degree: Accepted as equal to a award given by a non-distance education institution.

EXTERNAL STUDIES
MURDOCH UNIVERSITY (MEMBER OF THE INSTITUTION OF THE WESTERN AUSTRALIAN DISTANCE EDUCATION CONSORTIUM)

INSTITUTIONAL DATA

Year of Establishment: 1975.

Names and positions of Head:
Professor P.J.Boyce
Vice-Chancellor of Murdoch University
Patrick Guiton
Head of External Studies

Address:
Murdoch University
Murdoch, Western Australia 6150

Telephone: (09) 332-2211
Telex: MULIB AA 92711
Fax: (09) 332-2507
(09) 310-4929

Nature of institution: Conventional institution with distance teaching programme (integrated dual mode).

Educational levels provided for DE programmes:
Undergraduate
Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor's degrees in	Undergraduate
Biological and Environmental Science	
Population, Resources and Technology	
Public Administration	
Economics	
Arts	
Education	
Teacher Education	
Asian Studies	
English and Comparative Literature	
Communication Studies	
Computer Sciences	

Mathematics
Mineral Science
Physics
Australian Studies
British and European Studies
History
Philosophy
Politics
Philosophy
Sociology
Women's Studies
General Studies.

Title	*Level*
2. Master's degrees in	Postgraduate
Literature and Communication	
Science and Technology Policy	
Veterinary Studies	
3. Graduate Diplomas in	
Science, Technology, and Society	
Environmental Science	
Education (Primary, Secondary, Post Secondary)	
Developmental Studies	
Applicable Mathematics	
Computer Studies	
Mineral Science	
Physics	
Women's Studies	
4. Postgraduate Diplomas in	Postgraduate
Environmental Impact Assessment	
Physics	
Public History	
Science and Technology Policy.	

Governance: A national establishment.

Objectives:
1. Training of skilled manpower
2. Life-long recurrent education
3. Equality of educational opportunity
4. Personal development
5. Teacher Education and Training.

Sources of financial support of DE programmes:

Tuition Fees:
1. For Master of Veterinary Studies, the student pays all tuition expenses by himself/herself for the amount of A$5,000 per year.
2. Students are required to pay a certain amount for HECS.

Budget: A$2.5 million for 1990.

Trends of development of DE resources and activities:

Expanded:
Distance education programmes
Telecommunication equipment
Study materials and textbooks
Variety of courses offered
Audio-visual aids
Library resources.
Decreased: None.
Stable:
Financial provision
Teaching force
Broadcast programmes.
Not applicable:
Local study centres
Face-to-face sessions.

Trends of enrollment in DE Programmes: Increasing.

Number of current DE students: Data not available as the students are in both internal and external mode.

Number of annual intake of DE students: Data not available.

Number of students currently enrolled in each DE level:

1. Undergraduate	1,667
2. Graduate	393
3. Inter-universities	181

Number of annual DE graduates: Data not available.

Accumulative number of DE graduates: Data not available.

Components of personnel in DE:

1. A mix of full-time and part-time staff members
2. Faculty members share their work duties between a conventional university and the distance education programmes.

Number of full-time staff:

	In External Studies	In Schools
Academic:	7	40
Non-academic:	17	10
Total:	24	50

Number of part-time staff:

Academic:	-	20
Non-academic:	-	-
Total:	-	20

Number of Courses and programmes: Number of courses offered: 15 course units in two year programmes
Number of programmes offered: 19 postgraduate awards
Note: Graduate Diplomas use undergraduate course units.

Production of teaching materials/media: Teaching materials and media are produced by faculty staff of schools in consultation with DE specialists through consultative process based on 4 year course unit life with annual cycle as per (iii) below. The production stages are: (1) Academic Planning, (2) Course Design and Development, (3) Production, (4) Teaching, and (5) Evaluation.

Regional/Study Centres: Available but the geography of Western Australia means that they are inaccessible for many students.

Number of centres: Number of Regional and
Local Study Centers: 7.

Operators of centres: These centers are run by staff of regional colleges in Western Australia.

Sources of financial supports: The sources of financial supports are from (1)College subsidy of staff time, and (2) University provision of course resources.

Major functions: Major functions of these centers are (1) contractual teaching of selected undergraduate courses based on distance education materials, (2) counselling, and (3) examinations.

Overall student Profile:

Age:

	Proportion	
Year:	Undergraduate (%)	Graduate (%)
Under 21	4.0	-
Between 21-30	33.0	40.0
Between 31-40	38.0	45.0
Between 41-50	17.0	10.0
Between 51-60	5.0	5.0
Over 61	2.0	-
Total:	100.0	100.0

Gender:

Sex:	(%)	(%)
Male	45.0	49.0
Female	55.0	41.0
Total:	100.0	100.0

Income: *Level:* Data not available.

Geographical distribution:

Areas:	(%)	(%)
Urban	53.0	49.0 (Perth and other big cities)
Rural	47.0	51.0 (Plus outside W.Australia)
Total:	100.0	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Data not available.
Occupational distribution: Data not available.

Future development: Possible distance education development in the next 5-10 years is the increased emphasis on postgraduate course work by distance education.

Major obstacles for implementing distance education: Resource constraints.

Affiliation with regional and international DE organizations:
ICDE
ASPESA.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:
List of Programmes:
1. Undergraduate
2. Postgraduate.

PROGRAMME I: *UNDERGRADUATE PROGRAMMES*

Level: First degree.

Courses of instruction:

Commercial and Management Studies:
- Public Administration.

Humanities:
- Contemporary and cultural studies
- History
- Philosophy
- Humanities.

Languages and Literature:
- Languages
- Literature.

Educational Studies:
- Curriculum development
- Educational administration
- Educational policy analysis and management
- Educational psychology
- Child psychology and counseling
- Language, reading and communication
- Mathematics education
- Microelectronics and computer education
- Elementary education
- Secondary education
- Adult learning
- Science education
- Educational testing and evaluation
- International education.

Communications:
- Film
- Television.

Engineering and Technology:
- Marine/naval engineering.

Physical Science:
- Chemistry
- Geological sciences
- Physics.

Biological Science and Technology:
- Environmental studies.

Mathematics:
- Computing, Computer Science
- Mathematical sciences

Statistics.

Social Sciences:
Economics
Government and Politics
Women's Studies.

Length of course: *Minimum number of study hours per week per course unit:* 10 hours.
Total number of weeks per course unit: 13 weeks.
Total number of course units making up programmes: 27 course units.

Media and methods: *Most dominant:*
Printed correspondence texts
Audio-cassettes
Telephone instruction
Tutorial via mailing
Telephone tutoring
Counselling by telephone
Study centres.
Dominant:
Tutoring via audio-teleconferencing
Face-to-face counselling
Kits
Day schools
Television via satellite
Computer assisted learning
Compact discs
Face-to-face tutoring
Television via satellite
Tutoring via video teleconferencing
Practical work
Regional services
Weekend schools.
Least dominant:
Longer residential school
Evening schools
Databases
View data
Audio-graphics
Computer conferencing
Television via cable
Televisio

Language of instruction: English and individual language courses.

Admission requirements:
1. Pass a competitive entrance examination
2. Be a citizen of Australia.

Number of DE students: Current: 1,667.
Annual intake: 48 plus 127 single unit inter-university.

Evaluation:
Continuous assessment:
1. Written assignments for submission
2. Written intermediary examinations
3. Constant contact with principal advisor/tutor.

Final assessment:
1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates: NOne.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary/High school leavers (Ages 16 to 19):	2.0
First degree:	98.0
Higher degree:	-
Total:	100.00

By Employment:	(%)
Full-time public employees:	20.0
Full-time private employees:	30.0
Part-time employees:	50.0
Total:	100.00

By types of career:	(%)
Housewives:	20.0
Retired:	5.0
Others:	75.0
Total:	100.00

By gender:	(%)
Male:	45.0
Female:	55.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

PROGRAMME II: *POSTGRADUATE PROGRAMMES*

Level: Postgraduate.

Courses of instruction:

- *Agricultural Science:*
  - Veterinary Science.
- *Humanities:*
  - Contemporary and cultural studies
  - History
  - Humanities.
- *Languages and Literature:*
  - Literature.
- *Educational Studies:*
  - Curriculum development
  - Educational administration
  - Educational policy analysis and management
  - Educational psychology
  - Child psychology and counseling
  - Language, reading and communication
  - Mathematics education
  - Microelectronics and computer education
  - Elementary education
  - Secondary education
  - Adult learning
  - Science education
  - Educational testing and evaluation
  - International education.
- *Physical Science:*
  - Physics
  - Science and Technology Policy.
- *Biological Science and Technology:*
  - Environmental studies.
- *Mathematics:*
  - Computing, Computer Science
  - Mathematical sciences
  - Statistics.
- *Social Sciences:*
  - Women's Studies.
- *Services:*
  - Development Studies.

Length of course: *Minimum number of study hours per week per course unit*: 10 hours.
Total number of weeks per course unit: 13 weeks.
Total number of course units making up programmes: 27 course units.

Media and methods: *Most dominant:*
Printed correspondence texts
Audio-cassettes
Telephone instruction
Tutorial via mailing
Telephone tutoring
Counselling by telephone.
Dominant:
Video-cassettes
Face-to-face tutoring
Tutoring via audio-teleconferencing
Day schools
Weekend schools
Longer residential school
Study centres
Regional services
On campus attendance
Face-to-face counselling
Tutoring via video teleconferencing.
Least dominant:
Audio Vision
Radio
Video tutoring
Video via satellite
Television
Cable television
Computer assisted learning
Compact discs
Practical work
Kits
Evening schools
Databases
View data
Audio-graphics
Computer conferencing.

Language of instruction: English and individual language courses.

Admission requirements:
1. have a first degree
2. Be a citizen of Australia.

Number of DE students: Current: 393 (1990).
Annual intake: 88 (1990).

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written intermediary examinations
3. Attendance of regular seminars
4. Constant contact with principal advisor/tutor.

Final assessment:
1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary/High school leavers (Ages 16 to 19):	-
First degree:	100.0
Total:	100.00

By Employment:	(%)
Full-time public employees:	30.0
Full-time private employees:	50.0
Others:	20.0
Total:	100.00

By types of career:	(%)
In-service trainees:	30.0
Housewives:	5.0
Others:	65.0
Total:	100.00

By gender:	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to a comparable award given by a non-distance education institution.

SURVEY OF DISTANCE EDUCATION IN PEOPLE'S REPUBLIC OF BANGLADESH

COUNTRY PROFILE *Bangladesh is a small coastal country in south central Asia covering an area of 55,598 square miles (143,998 square kilometers). It is bordered on the southeast by Myanmar, the south by the Bay of Bengal, the west and the north by the Indian state of West Bengal, the north and the east by the Indian state of Assam. The capital is Dhaka.*

Economy, Population and Demography: One of the poorest among the developing countries of Asia and the Pacific region. The country's economy is predominantly agrarian. Agriculture accounts for half of the GDP and about two-thirds of employment. The population is over 108 million (1991). Population density is 750 per sq. km. and the growth rate is 2.16%. There are 106 males per 100 females. The infant mortality rate is 98 per 1,000. Life expectancy at birth is 56. People are strongly attached to the land. The literacy rate of people 5 years old and above, according to 1981 census, was 23.8%. Per capita income in Bangladesh is 170 US dollars. Cereals, principally rice, are the main crops. About 69% of the total work force is employed in agriculture, followed by transport, sales and services. Many Bangladesh workers are employed overseas in the Middle-East.

Language of Instruction: Bangla and is also the national language (also called Bengali). Bangla is spoken by all except a small ethnic minority.

Educational System: The present education system is based mainly on the Western model. A number of old indigenous institutions are, however, still in existence. Primary education is free. The Primary Education (Compulsory) Act was passed in February, 1990. It has become effective in 68 out of 487 upazilas from January, 1992. There are many non-government (private) institutions of different types and standards. Non-government secondary schools receive up to 70% of their teacher's salary support from the government. There are nine universities with Faculties, Departments and Institutes. Each university has its separate Statutes, Ordinances and sets of rules. The latest university began in July, 1992. Of the nine universities, one is the University of Engineering and Technology and another one is the Agriculture University. Besides, an affiliating university and an Open University are being organized likely to start functioning sometime in 1992. The universities are autonomous institutions receiving over 90% of their budget allocation, through the University Grants Commission, from the government. Parallel to the general stream of education, there is a religious stream, known as Madrasah Education. The total number of institutions under this stream - from pre-primary to post-graduate level - is over 80,000. Approximately 50% of these institutions are mosque-based informal schools and their principal curriculum is to teach reading of the holy Quoran (the holy book of the Muslims). Education expenditure is 1.7% of GDP. The annual average cost per student comes to 10 US dollars for primary education, $61 for secondary and higher education, $202 for vocational education and teacher training, $536 for university education and $625 for education in specialized colleges and institutes.

Communication Infra-structure:

During 1985-90, communication facilities were still inadequate. The entire country is covered by radio and television with nine radio stations and sub-stations and 10 television stations/relay stations. Postal services, although providing unsatisfactory services, are available almost nation-wide through 7,590 post-offices (1985); 1,518 in the urban areas and 6,072 in the rural areas comprising 68,000 villages. Telephone services are gradually being extended to an increasing number of new townships and clients, with a telephone density of 0.23 per 100 population by 1989/90. As of 1989-90, there were 205,500 telephones. Telegraph and telex services are also insufficient and not satisfactory. There are 119 daily newspapers, including more than 38 in metropolitan Dhaka, with wide variations in their circulation. There is no stated communication policy for education or distance education.

OVERVIEW OF DISTANCE EDUCATION:

Distance education in Bangladesh began in 1985 when a post-graduate degree programme, Bachelor of Education, was offered through distance education by the National Institute of Educational Media and Technology (NIEMT). NIEMT was established in 1983 from the merging of the Audio-Visual Education Centre (AVEC-1962) and the School Broadcasting Programme (SBP-1980 under Japanese funding). NIEMT introduced the B.Ed. programme through distance education with a view to improving professional competence of untrained working secondary school teachers without dislodging them from schools. Later in 1986, the organization and management of NIEMT and that of the distance education programme were merged into one institution under the "Bangladesh Institute of Distance Education" (BIDE). BIDE was responsible for the Bachelor of Education (B.Ed.), the only distance education programme in the country, in addition to the existing non-distance education B.Ed. programme. However, the distance education B.Ed programme lasted for only three years as it was suspended in 1988.

Factors Leading

The major factor leading to the establishment of distance education

Factors Leading to Establishment of Distance Education Programmes:

The major factor leading to the establishment of distance education in Bangladesh is the need to upgrade the professional quality of secondary school teachers. Over 90% of the secondary schools are non-government institutions and about 70% of their teachers are untrained. The academic standard of the majority of these teachers is rather poor but they have been, and will remain, in the teaching profession. With a view to boosting teachers' morale and giving incentive to their improved professional performance, pay scales of teachers in approximately 10,000 non-government secondary schools have been raised. However, for obvious reasons it has neither been possible to increase the intake capacity of the existing 10 TTC's nor to establish new TTCs for training of the back-log of these untrained teachers. In this context NIEMT started, through distance education, a B.Ed programme, a post-graduate degree.

Year of Establishment:

1985 when the first batch of students were registered under the NIEMT's post-graduate degree Bachelor of Education (B.Ed) programmes.

Media for Distance Education:

(1) Printed textbooks, (2) audio cassettes, (4) regional centres, (5) radio programmes, (5) television programmes, (6) tutorials and demonstration, and (7) bulletins.

Sources of Financial Supports:

(1) the Government through the Ministry of Education's Director-General of Secondary and Higher Education (DGSHE), mostly for staff salary and maintenance costs; (2) the grants given by the Boards of Intermediate and Secondary Education, and the National Curriculum and Textbook Board for facilitating the management of distance education, and (3) students' fees.

The B.Ed. distance education programme was introduced as an experimental programme to be contained within the regular budget of BIDE without additional financial support. The DGSHE gave BIDE *taka* 10 *lakh* (US$30,000) in the 1985/86 fiscal year and *taka* 40 *lakh* (US$120,000) in the following year for meeting initial costs of the distance education programme. The grants received from the four Boards was *taka* 40 *lakh* (US$72,000). Each student of BIDE pays a fee of approximately 50 US dollars.

Trends of Development in Distance Education:

Since BIDE's distance education programme lasted only for three years, there are some irregular students yet to complete the course and seek the degree. Registration in the programme has remained suspended with effect from 1988. The question of growth and expansion, therefore, does not arise. The only hope is that when the Open University starts, the distance education programme is likely to be revived.

Legal Status: Distance education, in fact, has a firm policy commitment written in both the Second and the Third Five Year Plans (TFYP). In the 1980-85 SFYP, it was stated that "...Correspondence and evening courses will be introduced for training primary and secondary teachers; Radio and TV will also be used." And from the 1985-90, " ...Audio-visual aids, viz, charts, posters, globes, maps, etc., will be supplied to primary and secondary schools under the BIDE project. TV sets, video tapes, cassettes, tape recorders, films, slides, film projectors, slide projectors will be supplied to TTC's, NIEAER and NAPE under the BIDE project,..." and "...Correspondence courses in secondary teachers training will be experimented under a pilot project."

For NIEMT, the predecessor of BIDE, the University of Rajshahi passed an Ordinance on 28.10.84 offering the Bachelor of Education (B.Ed.) course through the distance education system in coordination with the NIEMT in Dhaka, UR's Faculty of Education, and Teachers' Training Colleges. The UR agreed to award the B.Ed. degree to such candidates as would fulfill the requirements of the programme, as specified by BIDE. The B.Ed. distance education programme of BIDE was introduced with the approval by the president of the country in June 1985. No law was passed or government executive order issued to give distance education a legal footing.

Aims: Generally, to upgrade the professional quality of primary and secondary school teachers. As specified by BIDE, it is aimed (1) To enable untrained secondary teachers to receive professional training at low cost by staying where they are, through correspondence materials, audio cassettes, radio and television programmes, tutorial services, demonstration teaching, and organization of winter and summer schools; (2) To improve professional competence of untrained working secondary teachers; (3) To improve the quality of teaching-learning in secondary schools by increasing their stock of trained teachers; (4) To tone up the general level of secondary education; and (4) To reduce pressure on the TTC's.

Control and Management: The distance education programme was administered by the BIDE under the academic umbrella of an Ordinance passed by the University of Rajshahi. BIDE's Director is the chief executive officer and has the overall responsibility of the institute and its programmes, assisted by the Deputy Director, Assistant Directors, and the Heads of divisions. The academic standards of the B.Ed. programme through distance education were set in consultation with experienced professionals, external experts and academics, including TTC principals, NIEAER specialists and IER teacher educators.
BIDE does not determine nor set the academic standards by itself.

Instructional System: Each student studies from reading modular textbooks, listening to audio cassettes developed for the programme, attending face-to-face meetings with the tutors in the regional centres, listening to a 30 minute weekly radio programme, viewing a 26 minute fortnightly television programme, reading a quarterly Bulletin, and correspondence.

Geographical coverage: The entire country is covered by the B.Ed. distance education programme through 11 Regional Centres at Teachers Training Colleges in Chittagong, Comilla, Dhaka, Feni, Jessore, Khulna, Mymensingh (for men), Mymensingh (for women), Rajshahi, Rangpur, and NIEAER in Dhaka. The country is divided into four administrative divisions and 64 districts. The regional centres are spread over all four divisions. Students registered under the programme came from all districts.

Research Activities: As of 1991, no research on distance education was undertaken on the programme and none is on-going.

Enrollment and Graduates in Distance Education Programmes: During the three year period before its suspension, the intake was 3,211, 3,287 and 3,787 respectively in 1985, 1986, and 1987, totalling 10,285. There are some 33,63 irregular students yet to complete the requirements for the degree. Only after expiration of the time limit in June 1992 will it be possible to take an account of the drop-outs, if any. The accumulated number of graduates in the B.Ed. distance education programme, as of 1990, was 6,918.

International Affiliation and Cooperation: BIDE was neither a member of any national/regional/international organization of a similar nature, nor has it ever sought or received any foreign aid/grant/support.

Problems and Constraints: (1) The institutional limitation of staff and facilities of BIDE in performing the dual tasks of the former AVEC, NIEMT, and SBP, and the task of the distance education programme, (2) weak and mostly unsupervised teaching practice, (3) lack of seriousness on the part of some students and tutors, (4) absence of a law or a government order to support it, and (5) lack of financial and moral support for the programme. However, the programme was a breakthrough in the inadequate traditional system and inefficient conventional methods of delivery. The programme was, and still is, in demand.

LIST OF DISTANCE EDUCATION INSTITUTIONS:

1. Bangladesh Institute of Distance Education (BIDE).

BANGLADESH INSTITUTE OF DISTANCE EDUCATION

INSTITUTIONAL DATA

Year of Establishment: 1985.

Name of Head: **Giasuddin Ahmed**
Position: *Director*
Address: Dhanmondi, Dhaka-1205
BANGLADESH.

Telephone: 501126; 502073.
Telex:
Fax:

Nature of institution: Established in 1985. The Bangladesh Institute of Distance Education (BIDE) is a conventional institution with a distance teaching programme only in Education at the Bachelor degree level. The institute ceased to enroll students in 1988.

Educational levels provided for DE programmes: Postgraduate Level.

Titles and levels of DE programmes: Postgraduate Level: Bachelor of Education.

Governance: A national establishment.

Objectives: The primary objective of BIDE was for teaching training. Other objectives included:
1. National development, 2. individual personality development, and 3. cost-effectiveness.

Sources of financial support of DE programmes: *Tuition and Fees*:
From initial grants and students were required to pay all tuition expenses by themselves. The amount was about U.S.$50.00.

Budget: Data not available.

Trends of development of DE resources and activities:	Data not available.
Trends of enrollment in DE Programs:	Increasing.
Number of current DE students:	The institute ceased to enroll students since 1988.
Number of annual intake of DE students:	Not Applicable.
Number of students currently enrolled in each DE level:	Not Applicable.
Number of annual DE graduates:	Average 2,204.
Accumulative number of DE graduates:	6,918.
Components of personnel in DE:	All faculty members were full-time employees and they shared their work duties between a non-distance education institution and BIDE.
Number of full-time staff:	55.
Number of part-time staff:	Not Applicable.
Number of Courses and programs:	Number of courses offered: 1. Number of programmes offered: 1.
Production of teaching materials/media:	Educational professionals and experts in teacher education from different teacher training institutions prepared the teaching materials. So far, 48 books on 12 subjects have been prepared.
Regional/Study Centers:	There were 11 regional centres.
Operators of these centers:	These centres were run by principals, vice-principals and teachers of Teacher Training Colleges.

Sources of financial support: The sole source of the programme's financial support was the students themselves by paying tuition fees. Operational cost of the institute comes from the government.

Major functions of these centers: To provide tutorial, registration and counselling services. The centers also managed summer and winter schools as well as examinations.

Overall student Profile:

Age distribution: Most of the students were between 22 and 50 years old.

Gender distribution: Data not available.

Income Level: Mostly at the bottom to lower middle level.

Geographical distribution: Students came from both the urban and rural areas. They came from all over the country.

Occupational and Ethnic Composition of DE Students: Data not available.

Future development: The institute ceased to enroll students since 1988.

Major obstacles for implementing distance education: Data not available.

Affiliation with regional and international DE organizations: Not applicable.

PROGRAMMES OF INSTRUCTION MEDIA, METHODS, & EVALUATION: List of programmes:
Postgraduate level: Bachelor of Education.

PROGRAMME : *POSTGRADUATE PROGRAMME*

Level: Postgraduate degree level.

Titles of programmes offered in this level: Bachelor of Education.

Courses or programmes of instruction:
Education and Teacher Training:
The compulsory subjects for the B.Ed. distance education programme are:
- Principles of Education
- History of Education
- Educational Psychology
- Evaluation, Counselling and Guidance
- Educational and National Development.

Each student has to choose any two of the following electives :
- Mathematics
- Science
- Bengali
- English
- Geography
- Social Science (Economics, Civics and History).

One Optional subject:
- Educational Administration.

Practical work:
- Preparation of lesson plans
- Teaching aids
- Teaching practice

Length of course: *Total number of weeks per course*: 104 weeks.

Media and method:
Most dominant:
Printed texts
Regional services

Dominant:
Audio-vision
Radio
Video cassettes
Practical work

Least dominant:
Audio cassettes
Television
Face-to-face tutoring.

Language of instruction: Bangla

Admission requirements:

1. Completed undergraduate education in Science, Arts, Commerce, Agriculture and Home Science
2. Must be a citizen of the country
3. Must have had 2 years of work experience before entering the programme.

Number of students: 3,000 per semester.

Annual intake of DE students: Approximately 3,000.

Evaluation system:

Continuous assessment: Written intermediary examination
Oral intermediary examination

Final course assessment: Written and oral examinations

Educational and employment arrangements for graduates: Students were already employed in schools as teachers.

Profile of students in this level: School teachers.

Acceptance of final award, certificate, and degree: B.Ed degree given by a University is recognized by other universities and is socially accepted.

SURVEY OF DISTANCE EDUCATION IN THE PEOPLE'S REPUBLIC OF CHINA

COUNTRY PROFILE

The People's Republic of China is a socialist country of East Asia, the third largest in the world covering an area of 3,706,560 square miles (9,600, 000 square kilometres). Its 12,400 land frontier is bordered by Hong Kong on the south; Vietnam, Laos, Burma, India, Bhutan, Nepal, Pakistan, and Afghanistan on the southwest, the former Soviet Union and Mongolia on the north, and North Korea on the northeast. Its 11,185 miles coastline, facing generally southeastward, is circled from the north to the south by the Yellow Sea, the East China Sea, Taiwan Strait, and South China sea. The capital is Beijing.

Economy, Population and Demography: A socialist economy--the world's largest developing country. It is also the world's largest producer of rice and tung oil, and is among the principal sources of wheat, tobacco, soybeans, peanuts, and cotton. Its industry is capable of producing a wide range of products, and machines, and possesses a number of advanced engineering plants capable of manufacturing an increasing range of sophisticated equipment, including nuclear weapons and an Earth satellite, the Long March. The population in 1984 was estimated to be 1,074 million. The country is multi-national with a large number of ethnic and linguistic groups, but the Han Chinese, form a great homogeneous mass (about 94%) among the 55 ethnic groups sharing the same culture, traditions, and written language--spreading over approximately 60% of the total area of the country. The major religions are Buddhism, Taoism, Islam, and Christian (mostly Roman Catholicism). In the areas where minority groups are large in number, they have been given some semblance of autonomy and self-government, and autonomous areas of several types have been established on the basis of the geographical distribution of nationalities.

Language of Instruction: Chinese. There are four major language families: the Sino-Tibetan, Altaic, Indo-European, and Austro-asiatic. Han Chinese is the most widely spoken language and the most important Chinese tongue is Mandarin.

Educational System: The People's Republic of China has a comprehensive system of both formal and non-formal education. Since the early 1950's, the country has maintained its support of correspondence education policy as a viable means to provide educational access and opportunities to its people.

Communication Infra-structure: The People's Republic of China has a full communication infrastructure for nation-wide coverage of postal service, radio and television broadcast via satellite, telephone, and telecommunication.

OVERVIEW OF DISTANCE EDUCATION: Distance education in the People's Republic of China is implemented in two approaches: correspondence education and broadcasting education. *Correspondence education* was developed in the 1950s. Chinese government and Central Committee of CPC recognized its importance in manpower development. State Education Commission issued a series of documents outlining guidelines for conventional institutions to run correspondence education. Up to 1990, there had been 443 conventional institutions running correspondence education, offering about 286 specialties at the 5-year undergraduate and 3-year junior colleges levels. *Broadcasting education* through radio and television media was developed as early as 1955 with the establishment of Radio Correspondence Schools in Beijing and Tianjing. In the early 1960's the first television universities (TVUs) were founded in Beijing, Tianjing, Shanghai, Shenyang, Harbing, Guangzhou, Wuxi, and other cities. They were closed down for ten years during the Cultural Revolution, resumed at the end of the 1970s, and finally formed at the beginning of the 1980s. The TVU system played an important role in the Chinese higher educational system by providing a large number of people with access to higher education through distance learning. The academic standards of TVUs are positively acknowledged by conventional institutions. Up to 1990, the TVU system had enrolled 1.83 million students in 294 specialties at the junior college level and was found cost effective in training more people at lower cost in a shorter period of time.

Factors Leading to Establishment of Distance Education Programmes: Needs for (1) officials and workers with theoretical, cultural, and vocational levels; (2) specialized personnel for economic development, and (3) the provision of mass education for people in the remote and minority areas which are behind in cultural, scientific, and technological development.

Year of Establishment: 1951 by the establishment of the Correspondence Education Department in the People's University which, on February 7, 1953, offered 10 junior college level specialties in finance and economics with initial enrollment of 2,700 students.

Media for Distance Education: For *Correspondence Education institutions* (e.g. Tongji University's Institute of Correspondence Education and Further Education and the East China Normal University Adult Education College), **printed correspondence materials for self-learning** are used as the core media supplemented by audio-visual materials, face-to-face instruction, assignment, laboratory work, field-work, graduation project, and oral defence of graduation design (graduation thesis or graduation examination). Printed correspondence materials include textbook, guide book, reference book.

For *Broadcasting Education institutions* (e.g. the Central Radio and Television University-CRTVU, the Provincial Radio and TV Universities-PRTVUs, and Liao Yuan Radio and TV School), **radio and television** are core-media supplemented by printed teaching materials, audio-visual programmes and face to face tutoring. Radio and TV programmes are broadcast nationally by central and local radio and TV stations and also are transmitted by satellite. Printed materials (course books, reference, study guides books) compiled by the staff of the CRTVU and the TVUs, and professors from conventional institutions are used to accompany radio and TV programmes. The CRTVU has stipulated *"Standards of Compiling Printed Teaching Materials" and "Standards of Making Audio Visual Teaching Programmes"*. The CRTVU and the TVUs have set up their own printing, publishing and distributing system for production of teaching materials.

Sources of Financial Supports: From the government and student tuition fees. For correspondence education programmes, the funding differs according to the size of institutions. For the broadcasting education programmes, US $ 800,000 is granted to the CRTVU annually from the State Education Commission for general expenses; from the government's Health and Education Funds for compiling teaching materials. The Liao Yuan Radio and TV School gets about US $ 300,000 from the State Education Commission. The PRTVUs get different amounts of funds according to their own situation from the local education administrative department of government.

Trends of Development in Distance Education: On an upward trend as DE is considered a means for educational reform for national economic and social development and modernization.

Legal Status: Fully supported by laws, regulations, and the government's policy.

Aims: To provide educational opportunities for people to upgrade the quality of their lives and work, especially those in remote and minority areas which are behind in cultural, scientific, and technological development.

Control and Management: At the national level, correspondence education institutions are under the Correspondence Education Department set up by the State Education Commission. At the levels of State Council, provinces, autonomous regions, municipalities and special cities, the local administration, the educational departments of Ministries and commissions set up their management organizations to be responsible for the overall planning, implementing, conducting examinations, approving the qualification, evaluating the teaching quality and management of correspondence education. Each conventional institution offering correspondence education must set up its own Correspondence Education Institute or Department as well as correspondence coaching stations.

For Broadcasting Education, the project on establishment of the CRTVU and 28 PRTVUs was approved by the State Council in February 1978. By 1990, a national system of Higher Education through Radio and Television was formed by the CRTVU, 43 PRTVU's, 595 branch schools, and 1,500 work stations. In April 1990, China Liao Yuan Ration and TV School was established under the State Education Commission.

Instructional System: Correspondence students study from printed correspondence materials, attend face-to-face sessions, submit assignments, and take final examinations. Students in CRTVU and PRTVU's study from radio and TV broadcast programmes, attend face-to-face tutorials, submit required assignments, and take final examinations.

Geographical coverage: Nation-wide coverage through radio and TV networks, the CRTVU, the PRTVU's, Branch Schools, and Work-stations for Broadcasting Education Approach; and the various conventional institutions for Correspondence Education Approach.

Research Activities: On-going research activities are conducted by TVU's on (1) educational theory and technology, i.e "Research on Distance Education by Large Scale Use of Electronic Communication Technology," (2) the relationship between carrying out social development aims and TVUs' operation; (3) openness and controlling quality of the TVUs; and (4) multi-media teaching and teaching materials construction.

Enrollment and Graduates in Distance Education Programmes: The enrollment of correspondence students increased from 2,700 in 1953 to 547,000 (147,000 students of undergraduate courses, 400,000 students of junior college courses) in 1990. The correspondence students mainly are in-service adults with secondary education certificates. They are admitted by passing national entrance examinations for adults. The enrollment of radio/TV institutions increased from 129,805 in 1965 to 1.83 million in 1990. The TVUs' students are in-service adults, fresh secondary school graduates and young school leavers, waiting to be assigned jobs. From 1980 to 1990, there were 660,000 graduates from correspondence education programmes and 1.29 million from radio and TV institutions.

International Affiliation and Cooperation:

The CRTVU is one of the associated centres of the APEID under the UNESCO Regional Office for Asia and the Pacific. It has also over the years built up and maintained good relationships with other Open Universities in other countries (e.g. the Open University in U.K.; the Sukhothai Thammathirat Open University, and Ramkhamhaeng University, Thailand; Indira Gandhi National Open University, India; Athabasca University, Canada), and has received substantial financial and educational assistance from the World Bank for setting up necessary infrastructure (85 Study Centres, laboratories, audio-visual centres and libraries in CRTVU and PRTVUs) and large scale domestic and international training for both academic and technical staff. CRTVU also received educational assistance from the British Council, and the Japanese government for establishing language courses, writing distance education materials, and the production of radio and television programmes.

Correspondence education institutions also have international academic exchanges and cooperation in research with distance education institutions in other countries such as the Victoria University in Canada, Fernuniversitaet in Hagen, Germany.

Problems and Constraints:

Lack of financial support.

LIST OF DISTANCE EDUCATION INSTITUTIONS:

1. Central Radio and Television University (CRTVU).

Note: There are more than 400 conventional institutions running correspondence education programmes, only data from the case of CRTVU is presented in this survey.

CENTRAL RADIO AND TELEVISION UNIVERSITY (CRTVU)

INSTITUTIONAL DATA

Year of Establishment: 1978

Name of Head: **Mrs. Zang Jinping**
Position: *Deputy Chief of President's Office, CRTVU*
Address: No. 83 Fuhsing Road
Beijing, 100856
People's Republic of China
Telephone: 821-7982
Telex: 22014 SEDC CN
Fax: 821-7982

Nature of institution: Distance teaching only

Educational levels provided for DE programmes:

1. First Degree
2. Continuing education
3. Diploma/Certificate
4. Training

Titles and levels of DE programmes:

Title	*Level*
1. Humanities	Junior College
2. Engineering	
3. Economics and Management	
4. Agriculture	

Governance: A national establishment

Objectives:

1. National development
2. Training of skilled manpower
3. Equality of educational opportunity
4. Expansion of educational opportunity
5. Cost-effectiveness
6. Vocational development
7. Personal development
8. Teacher Education and Training
9. Elite Training

Sources of financial support of DE programmes:

Tuition Fees:
Tuition fees are paid either by the employer/sponsor who recommends the student to attend distance education or by the students. In addition, students are given paid leave from work.

Budget:
Approximate annual budget for distance education of this institution for 1990 was US $ 800,000.

Trends of development of DE resources and activities:

Stable:
Financial provision
Distance education programmes
Local study centres
Telecommunication equipment
Study materials and textbooks
Teaching force
Variety of courses offered
Broadcast programmes
Audio-visual aids
Face-to-face sessions
Library resources

Trends of enrollment in DE Programmes: Stable

Number of current DE students: Approximately 420,000 students

Number of annual intake of DE students: 198,244 students annually

Number of students currently enrolled in each DE level:

Level of Education	Enrollment Figure
1. First degree	111,730
2. Continuing Education	26,397
3. Diploma/Certificate	26,797
4. Training	227,733

Number of annual DE graduates: 166,758

Accumulative number of DE graduates: Approximately 1.29 million

Components of personnel in DE: A mix of full-time and part-time staff members.

Number of full-time staff: 14,196

Number of part-time staff: 13,035

Number of administrative staff: 21,773 as of 1990

Number of Courses and programmes: Number of courses offered: 500
Number of programmes offered: 130

Production of teaching materials/media: Teaching materials and media are produced by CRTVU academic staff and instructors from other universities who are appointed as presenters of radio/TV programmes. TVU instructors write textbooks, instructors from other universities and TVU instructors jointly write study guides. The production stages are: (1) Discuss the syllabus and teaching materials, (2) Compile teaching materials, (3) Publish, and (4) Implement.

Regional/Study Centres: Available in the form of work stations.

Number: Number of work stations: 1,500.

Operators of Work stations: Work stations are run by 43 PRTVUs and 595 branch schools.

Sources of financial support: The source of financial support is mainly from the Government.

Major functions: Major functions of these centres are organizing TV classes, laboratory work, and distributing teaching materials.

Overall student Profile:

Age distribution: Data not available

Gender distribution:

Sex:	*Proportion* (%)
Male	72.0
Female	28.0
Total:	100.0

Income Level: Data not available

Geographical distribution: Data not available

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Han nationality 97.5%; Minority 2.5%

Occupational distribution:	(%)
Workers	59.4
Teachers	05.1
Cadres	12.5
Workers doing cadre's job	12.0
Others	11.0

Future development: Possible distance education development in the next 5-10 years is to develop junior courses in a stable way. At the same time, to develop continuing education at the postgraduate level, and vocational education at primary and secondary levels.

Major obstacles for implementing distance education: Lack of funds

Affiliation with regional and international DE organizations: APEID/UNESCO

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION

List of Programmes:

1. Three-year junior college diploma programme

PROGRAMME I: *THREE-YEAR COLLEGE DIPLOMA PROGRAMME*

Level: Junior college diploma

Courses of instruction:

- *Agricultural Sciences:*
  - Agriculture
  - Veterinary science
  - Farming
  - Forestry.
- *Architecture and Planning*
  - Architecture
  - Housing
  - Town planning and Urban studies
  - Transport, nautical science and shipping.
- *Commercial and Management Studies:*
  - Accountancy/Bookkeeping
  - Administration
  - Finance
  - Management
  - Banking
  - Real estate
  - Marketing
  - Office/Secretarial studies
  - Public administration.
- *Humanities:*
  - Archaeology
  - Contemporary and cultural studies
  - History
  - Humanities
  - Philosophy.
- *Languages and Literature:*
  - Languages: Chinese, English, Japanese.
  - Literature: Chinese.
- *Communications:*
  - Journalism
  - Radio
  - Television
  - Satellite.
- *Creative Arts:*
  - Performing Arts
  - Photography
  - Music, Drama and Dance.

- *Engineering and Technology:*
  - Chemical engineering
  - Civil engineering
  - Computer technology, and Programming
  - Construction and Environmental engineering
  - Electrical, electronic and microelectronic
  - Engineering design
  - Mechanical engineering
  - Manufacturing
  - Minerals and Mining engineering.
- *Physical Science:*
  - Chemistry
  - Electronics, Microelectronics
  - Food science and technology
  - Physics
  - Polymer and plastics science and technology.
- *Biological Science and Technology:*
  - General biology and Life sciences
  - Applied biology
  - Environmental studies.
- *Medical and Health Sciences:*
  - Dental technology
  - Medicine
  - Nursing
  - Pharmaceutical sciences.
- *Mathematics:*
  - Computing, Computer science
  - Mathematical sciences
  - Statistics.
- *Law.*
- *Social Sciences:*
  - Economics
  - Geography
  - Social Studies/Civics
  - Sociology.
- *Services and Hospitality Science:*
  - Library and Information studies.

Length of course:
Minimum number of study hours per week per course: 3-5 hours
Total number of weeks per course: 18 weeks
Total number of courses making up programmes: 20-24 courses

Media and methods:
Most dominant:
Printed correspondence texts
Television programmes via satellite
Study centres (work stations)
Dominant:
Video-cassettes

Audio-vision
Face-to-face tutoring
Face-to-face counselling
Least dominant:
Tutoring via mail
Video tutoring
Radio programmes
Audio-cassettes

Language of instruction: Chinese

Admission requirements:
1. Pass a competitive entrance examination
2. Meet a minimum required age level of 18 years
3. Recommended by his/her employer
4. Completed secondary education

Number of students: 2,438,965 students

Annual intake of DE students:

Year	Students	Year	Students	Year	Students
1979	322,471	1983	254,295	1987	195,529
1980	159,501	1984	217,850	1988	191,900
1981	--	1985	284,558	1989	124,500
1982	256,056	1986	237,001	1990	198,244.

Evaluation:

Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Attendance of regular workshops/seminars at the other institution
4. Attendance at the local study centre
5. Constant contact with principal advisor/tutor

Final assessment: Written final examinations

Educational and employment arrangements for graduates: None. However, after completion of distance education programmes, students' jobs are in conformity with what they have learned.

Profile of students in this level:

By Educational Background:	Proportion (%)
Junior secondary school:	17.6
High school:	65.6
Secondary special school:	10.2
Secondary technical school:	5.9
First degree:	0.7
Total:	100.00

By Employment:
Data not available

By types of career:
Data not available

By gender:		(%)
Male:		72.0
Female:		28.0
	Total:	100.00

Acceptance of final award, certificate, and degree: Not very similar as compared to the graduates of non-DE educational institutions. Non-DE institution graduates will be cadres. Some of TVU's will be cadres, but some will remain as workers.

SURVEY OF DISTANCE EDUCATION IN HONG KONG

COUNTRY PROFILE *A British crown colony located off the southern coast of Kwangtung Province, People's Republic of China, comprising the island of Hong Kong and adjacent islets, Stonecutter Island and the Kowloon Peninsular on the mainland, as well as the New Territories (covering a portion of the mainland, Lan Tao Island, and more than 230 islands that were leased from China in 1898 for 99 years and will be totally under the PRC's rule in 1997). Hong Kong has an area of 410 square miles (1,060 square kilometres) bordered by the mainland China to the North, and the remaining borders are on the South Sea. The capital, Victoria, is located on the island of Hong Kong.*

Economy, Population and Demography: A market economy based on light industry and thriving international trade. The GNP has experienced steady growth totalling US$13,600 million in 1980; per capita income totalled $4,220. Agriculture accounts for only 1% of the GNP and employs less than 3% of the labour force. The main source of food imports is China. Hong Kong has a population of 6.1 million (1991) with the growth rate of 1.8%. About 99% of the people of Hong Kong are Chinese with most of them coming from the neighboring Chinese provinces of Kwangtung and Fukien. The most numerous of the regional groups are the Cantonese, who inhabit both the rural and urban areas. The major non-Chinese elements in the population are from the Commonwealth countries, United States, Portugal and Japan.

Language of Instruction: English and Chinese.

Educational System: Hong Kong educational system consists of primary school, secondary school, post secondary colleges, universities, professional colleges, and technical vocational training institutes. All higher educational institutes, despite their reliance on Government grants, are autonomous and accept students from all over Hong Kong. They are not directly controlled by Government and are accessible to all citizens of the territory irrespective of areas of residence.

Communication Infra-structure: Hong Kong has complete communication and telecommunication facilities for radio and TV broadcasts, printing facilities (over 3,100 printing factories), telephone, and postal services (through over 100 post offices handling a daily total of 1.55 million letters and parcels as well as speed-post service available to over 360 cities world wide).

OVERVIEW OF DISTANCE EDUCATION: *Although DE is traditionally used where the wide diffusion of the population poses difficulties of logistics and resources for conventional teaching methods, it is considered well-suited to Hong Kong where overcrowding makes provision of conventional teaching difficult and long working hours make desirable the flexibility in timing provided by DE. The current provision of DE at the various educational levels is increasing both through educational institutions and through radio and television broadcasts.*

At primary and secondary levels, formal education courses are offered by the Adult Education Section of the Education Department and by various voluntary agencies in the form of education television activities (ETV).

At the post-secondary and tertiary level, DE is provided by various colleges, universities, and institutes. By 1991, more than forty institutions offered DE programmes. Of these thirty plus were programmes of overseas institutions. Local institutions providing access to distance learning include: Extra-Mural Department, University of Hong Kong (1956); the School of Continuing Education, Hong Kong Baptist College (1975); the Open Learning Institute (1989); Extra-Mural Studies Department, The Chinese University of Hong Kong; the Center for Continuing Education, City Polytechnic of Hong Kong (1991); and the Hong Kong Polytechnic. Among these only the Open Learning Institute is dedicated and legislatively empowered to teach through distance education.

Factors Leading to Establishment of DE Programmes: (1)Large reservoir of persons whose educational standards do not match either their expectations, their potential, or their social and financial position; (2) Increasing prosperity of the territory with the consequent demand for more opportunities to obtain personal fulfillment through additional education; and (3) Strong emphasis traditionally placed on education attainment by local society.

Year of Establishment: Although distance education was implemented as early as in 1956 by the Extra-Mural Department of the University of Hong Kong, the first and the only institution that is dedicated and legislatively empowered to teach through distance education is the Open Learning Institute (OLI) which was established in June, 1989.

Media for Distance Education: A variety of multi-media as approach depending on levels and types of DE programmes and institutions. General, DE media packages include Self-Study printed media, radio/TV programmes, informal contact sessions, telephone tutorials, and other AV media.

Sources of Financial Supports: (1) The Hong Kong Government for the provision of various programmes, mainly primary and secondary levels through the Education Department; (2) Non-government organizations, with

	subsidy from the Government (e.g the retrieval courses under the Adult Education Subvention Scheme provided by more than 50 organizations); and (3) Non-government organizations for self-financing programmes.
Trends of Development in Distance Education:	On the upward trend, especially at the tertiary level since less than 10% of the 17-20 age group can obtain a first year degree place in conventional institutions. There remain also those who are prevented by age and/or lack of required formal academic qualifications from taking up conventional tertiary education.
Legal Status:	Fully supported by respective laws and regulations governing various DE institutions.
Aims:	To provide education to those who have been denied the opportunity of further education when they left school; those who discover an interest in, or a use for, further education later in life; and those who wish to be re-trained in order to change their career or vocational skills.
Control and Management:	At the primary and secondary level, DE programmes are, to a certain level, under the Education Department as the financial supporting agency and controlled by individual programmes and institutions with subsidies from the Government.
Instructional System:	Varies from institution to institution. At the tertiary level, students study from printed materials, listen to audio-cassettes/radio programmes, view TV/video programmes, attend tutorials (telephone and face-to-face), and perform practical work. Some institutions make use of DE media packages produced overseas such as from the British Open University.
Geographical coverage:	Nation-wide coverage.
Enrollment in DE Programmes:	At the tertiary level, the Open Learning Institute of Hong Kong (OLI-HK) has the highest enrollment (17,800 by 1992) followed by that of the University of Hong Kong's Extra Mural Department (approximately 3,500 in 1991).
International Affiliation and Cooperation:	ICDE, COL, AAOU (all applies only to the OLI-HK).
Problems and Constraints:	Lack of courses in certain levels such as at Sixth Form and the insufficient provision for degree level studies.

LIST OF DISTANCE EDUCATION INSTITUTIONS:

1. **School of Professional and Continuing Education,**
   University of Hong Kong(1956)
2. **School of Continuing Education,**
   Hong Kong Baptist College (1975)
3. **East Asia Open Institute,**
   English School of Undergraduate Studies (1982)
4. **Open Learning Institute** (1989)
5. **Center for Continuing Education,***
   City Polytechnic of Hong Kong (1991).
6. **Extra-Mural Studies Department,**
   The Chinese University of Hong Kong.

*DE programmes just started.

SCHOOL OF PROFESSIONAL AND CONTINUING EDUCATION
UNIVERSITY OF HONG KONG

INSTITUTIONAL DATA

Year of Establishment: 1956.

Name of Head: **Professor Lee Ngok**
Position: *Director*
Address: 7th Floor, Knowles Building
Pokfulam Road, HONG KONG.
Telephone: **859-2780**
Fax: **559-7528.**

Nature of institution: Conventional institution with distance teaching programmes.

Educational levels provided for DE programmes:

1.First Degree
2.Professional Training
3.Diploma/Certificate
4.Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1.Diploma in Economics	Diploma
2.London University Degree	First degree
3.Curtin University Degree	First degree
4.Otago University (M.Pharm.)	Master degree in Pharmacy
5.London University (LL.M)	Master degree in Law
6.CGA (Canada)	Professional training

Governance: A national, university department which offers professional and continuing education by means of face-to-face and distance teaching.

Objectives:

1.Personal development
2.Life-long recurrent education
3.Training of skilled manpower
4.Obtaining overseas award while studying in Hong Kong

Sources of financial support of DE programmes: *Tuition Fees:* The student pays all tuition expenses by himself/herself for the amount of US$7,500-13,000.

Budget: Approximate annual budget for distance education of this institution for 1990 was US$4.0 million.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Telecommunication equipment
Study materials and textbooks
Variety of courses offered
Audio-Visual Aids
Face-to-face sessions.

Decreased: None.

Stable:
The teaching force
Library resources.

Not applicable:
Local study centres
Broadcasting programmes.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students: Current number of students: App. 3,500 students.
Annual Intake: Data not available.

Number of students in each DE level:

Level of Education	Enrollment Figure
1. Diploma	200
2. First degree	2,000
3. Postgraduate	40
4. Professional	1,000

Number of DE graduates: Data not available.

Components of personnel in DE: Both full-time and part-time.

Number of Staff:
Full-time: Total: 30 (Academic: 9; Administrative 3; Subordinate 18).
Part-time: Total: 80 (Academic: 80; Non-academic: None.

Number of Courses and programmes: Number of courses offered: around 60 (DE courses only).
Number of programmes offered: 6.

Production of teaching materials/media: Teaching materials and media are produced by academics teaching both overseas and in Hong Kong. Materials are produced in the form of study guides, audio-visual materials and lecture notes. Each media component requires different production stages.

Regional/Study Centres:

Number: Local Study Centers: 3.

Operator: School of Professional and Continuing Education, University of Hong Kong.

Source of financial supports: The University of Hong Kong.

Major functions: Major functions of these centers are:
1. Providing tutorial sessions
2. Providing counselling services
3. Providing examinations.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	05.0
Between 21-30	60.0
Between 31-40	30.0
Between 41-50	04.0
Between 51-60	01.0
Over 61	-
Total:	100.0

Gender:

Sex:	(%)
Male	60.4
Female	40.0
Total:	100.0

Income:

Level:	(%)
Top	10.0
Middle	85.0
Bottom	05.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	95.0
Rural	05.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Mainly Chinese, some Europeans and a few belong to other races of people residing in Hong Kong.
Occupational distribution: Mainly clerical/secretarial, others include accountants, lawyers, teachers, and executives.

Major obstacles for implementing DE programmes: None.

Affiliation with regional and international DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:

1. Diploma/certificate
2. Master's degree
3. Bachelor's degree.

PROGRAMME I: *DIPLOMA/CERTIFICATE PROGRAMMES*

Level: Diploma/Certificate.

Titles of Programmes:

1. Certificate in Professional Accounting.
Provider:
Certified General Accountants' Association of Canada
740-1176 West Georgia Street, Vancouver, BC V6E 4a2
British Columbia, CANADA
Tel: (604)669-355
Fax: 1-604-689-5845.

2. Certificate in Economics.
Provider:
University of London
Senate House, Malet Street, WC1E, 7HU
London, U.K.

Courses of instruction:
Accountancy/Bookkeeping
Mathematics
Economics
Sociology.

Length of course:
For Certificate in Professional Accounting only:
Minimum number of study hours/week/course: 3.
Total number of weeks/course: 10.
Total number of courses making up programmes: 17.

Media and methods:
Most dominant:
Printed correspondence texts
Computer assisted learning (For Certificate in Professional Accounting only)
Face-to-face tutoring
Face-to-face counselling
Kits
Study centres
Evening schools
Weekend schools.

Dominant: None
Least dominant: None.

Language of instruction: English.

Admission requirements: Completed Diploma in Accounting, ACCA or CIMA members or equivalent for Cert. in Professional Accounting; and completed Credit in Mathematics in HKCE or equivalent and has a good command of the English language.

Number of students: Current number of students:
Certificate in Professional Accounting: 750
Diploma in Economics: 200.
Annual student intake: Three times per year for Certificate in Professional Accounting and one time per year for Diploma in Economics.

Evaluation:
Continuous: For Diploma in Economics only:
1. Written intermediary examinations
2. Attendance of regular workshops/seminars.

Final assessment: For both programmes: Written final examinations.

Educational and employment arrangements for graduates: None for Certificate in Professional Accounting. For Diploma in Economics, students can have Part I of B.Sc. (Econ) Degree exempted when entering into the External degree of London University.

Profile of students in this level:

By Educational Background:	(%)
ACC members:	30.0
Technical college graduates:	70.0
Total:	100.00

By Employment: Data not available.

By types of career: Data not available.

By gender:	Accounting: (%)	Economics: (%)
Male:	69.0	46.0
Female:	31.0	54.0
Total:	100.00	100.00

Acceptance of certificate, diploma, and degree: None for Certificate in Professional Accounting. For the University of London, it is regarded as equal to an internal award given by the University of Hong Kong, as successful students will be exempted from the first year of the B.Sc. (Econ.) degree programme.

PROGRAMME II: *BACHELOR'S DEGREE PROGRAMMES*

Level: First degree.

Titles of Programmes:
1. London University External Degree Programme
Provider: University of London
Senate House, Malet Street, WC1E, 7HU
London, U.K.

2. Bachelor of Business Degree
Provider: Curtin University of Technology
Kent Street, Benley
Perth, Western Australia, 6102. AUSTRALIA.
Tel: 09-351-7789
Fax: 09-351-2378

Courses of instruction:
Commercial and management studies:
Accountancy/Bookkeeping
Administration
Business administration
Finance
Management
Banking
Marketing.
Humanities:
Philosophy
Theology.
Mathematics:
Computing, Computer Science
Statistics.
Law.
Social Sciences:
Economics
Government and Politics
International Studies/Relations
Sociology.

Length of course:
Minimum number of study hours/week/course: 3.
Total number of weeks/course: 10.
Total number of courses making up programmes: 16.

Media and methods:
Most dominant:
Printed correspondence texts
Video tutoring

Data base
Face-to-face tutoring
Face-to-face counselling
Kits
Study centres
Evening schools
Longer residential school
Dominant:
Practical work
Computer assisted learning
Computer conferencing
Least dominant:
Day schools
Weekend schools.

Language of instruction: English.

Admission requirements:

For Bachelor of Business Degree:
1. Completed ACCA Level I, Diploma/Higher Certificate in Business Studies, Management or Accounting
2. Have had work experience of three years.

For Bachelor London University (L.U.) External Programme:
1. Matriculation: special course requirement may exist
2. Meet a minimum age of 17 years.

Number of students:

Current number of students: L.U. External Degree: 2,000.
CUT's Bachelor of Business: 118.
Annual student intake: L.U.'s External Degree: one or two intakes.
CUT's Bachelor of Business: none.

Evaluation:

Continuous:

L.U.'s External Degree:
1. Written assignments for submission
2. Written regular tests.

CUT's B.B:
Written intermediary examinations

Final assessment:

Both programmes:
Written final examinations.

Educational and employment arrangements for graduates:

For L.U.'s External Degree, (1) the examinations are arranged for students to sit for them in Hong Kong; the External Degree is conferred upon satisfactory results; (2) The LL.B provides exemptions from the "academic" stage of professional legal training.

Profile of students in this level:

By Educational Background:

	External Degree: (%)		Bachelor of Business (%)
Secondary/High school:	-		-
First degree:	-		-
Higher degree:	70.0		30.0
ACC members:	30.0	Matriculants	63.0
Others:			07.0
Total:	100.00		100.0

By Employment: Data not available.

By types of career: Data not available.

By gender:

	(%)	(%)
Male:	69.0	44.0
Female:	31.0	56.0
Total:	100.00	100.0

Acceptance of certificate, diploma, and degree: Degrees from both programmes are accepted as comparable to those given by non-distance education institutions.

PROGRAMME III: *MASTER'S DEGREE PROGRAMMES*

Level:	Postgraduate.
Title of Programme:	Master of Pharmacy (Pharmacy Practice) *Provider:* Department of Pharmacy University of Otago Medical School, P.O.Box 913 Dunedin, New Zealand. *Tel:* 0064-24-797273 *Fax:* 0064-24-790401
Courses of instruction:	*Medicine and Health Science* Biomedical Sciences Pharmaceutical Sciences Pharmacy Administration.
Length of course:	*Minimum number of study hours/week/course:* 3. *Total number of weeks/course:* 136. *Total number of courses making up programmes:* 4.
Media and methods:	*Most dominant:* Printed correspondence texts Telephone instruction Face-to-face tutoring Tutoring via audio-teleconferencing Face-to-face counselling Counselling by telephone Kits Study centres Evening schools. *Dominant:* Practical work. *Least dominant:* Day schools Weekend schools.
Language of instruction:	English.

Admission requirements: 1.Completed a Bachelor of Pharmacy from the University of Otago
2.Be admitted *ad eunum statum* as entitled to proceed to the degree on the basis of a recognized qualification in pharmacy and adequate training or experience.

Number of students: Current number of students: 30.
Annual student intake: Once every two years.

Evaluation:

Continuous:
1. Written assignments for submission
2. Written intermediary examinations
3. Attendance of regular workshops/seminars.

Final assessment:
1. Written final examinations
2. Final take-home assignment.

Educational and employment arrangements for graduates: Master of Pharmacy Degree is conferred upon satisfactory course evaluation. This is also a professional training course for pharmacists.

Profile of students in this level: *By Educational Background:* Data not available.

By types of career: Data not available.

By gender:	(%)
Male:	87.0
Female:	13.0
Total:	100.00

Acceptance of certificate, diploma, and degree: The Master Degree closely resembles the course which is taught in New Zealand; it is recognized as equal to the internal course.

SCHOOL OF CONTINUING EDUCATION
HONG KONG BAPTIST COLLEGE

INSTITUTIONAL DATA

Year of Establishment: 1975.

Name of Head: **C.C. Wan**
Position: *Dean*
Address: 224 Waterloo Road
Kowloon, HONG KONG.
Telephone: **(852)339-7261**
Telex: **48969 HKBCL HX**
Fax: **(852)338-4040**

Nature of institution: Conventional institution with DE programme.

Educational levels provided for DE programmes:
1. First degree
2. Postgraduate
3. Training.

Titles and levels of DE programmes:

Title	*Level*
1. External student programme (Ohio University)	Undergraduate
2. Master of Science Degree Programmes and Master of Business Administration by DE (University of Strathclyde)	Postgraduate
3. Gemology	Vocational

Governance: A non-DE, self-financing unit within the ambit of a government subvented higher education institution.

Objectives:
1. Expansion and Equality of educational opportunity
2. Training of skilled manpower
3. Promotion of democracy
4. Individual vocational development
5. Individual personal development.

Sources of financial support of DE programmes: *Tuition Fees:* (1) Tuition fees paid by the employer/sponsor; or (2) The student pays all tuition expenses by himself/herself; (3) Sales profit from published materials and services to other institutions support expenditure on tuition.

Budget: (1) The University: Approximately DE budget of US$1,293,172.40 for 1990; (2) University/Polytechnic Grants Committee for US$199,073.09.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Local study centres
Telecommunication equipment
Variety of courses offered
Audio-Visual Aids
Library resources.

Decreased: None.

Stable:
Study materials and textbooks
The teaching force
Face-to-face sessions.

Not applicable:
Broadcasting programmes

Trends of enrollment in DE Programmes: Stable.

Number of DE students:
Current number of students: Approximately 650.
Annual student intake: Approximately 650.

Number of students in each DE level:

Level	Number
1.Undergraduate (Bachelor)	513
2.Postgraduate (Master)	297
3.Vocational/continuing education	32

Number of DE graduates:
Each year: 127 graduates.
Accumulative: 387 graduates.

Components of personnel in DE: A mix of full-time and part-time faculty members.

Number of Staff:
Full-time: 4
Part-time: 2.

Number of Courses and programmes:
Number of courses offered: 303
Number of programmes offered: 3.

Production of teaching materials/media: Produced by instructors specially appointed and by staff of overseas collaborative institutions. Locally, the materials are prepared by individual effort then printed by the school.

Regional/Study Centres: Available. Number of Study Centres: 9. Operated by The School of Continuing Education. Source of financial supports are from tuition fees. Major functions are providing tuition sessions and examinations.

Overall student Profile:

Age:

Years:	(%)
Under 21	-
Between 21-30	30.8
Between 31-40	50.6
Between 41-50	37.15
Total:	100.0

Gender:

Sex:	(%)
Male	56.0
Female	44.0
Total:	100.0

Income: Data not available.

Geographical distribution:

Areas:	(%)
Urban	100.0
Rural	-
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Nearly all Chinese.
Occupational distribution: Office and clerical workers form the largest group (42.0%), followed by business organizations and accounting employees (13%).

Future development: To introduce Health Science and Computer Science degree programmes for professional people.

Major obstacles for implementing DE programmes:

1. Expensive course development course
2. Lack of instructional designers
3. Lack of student support infra-structure
4. Lack of qualified tutors.

Affiliation with regional and international DE organizations: Institutional member of ICDE.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:

1. Associate and Bachelor degree
2. Master degree.

PROGRAMME I: *ASSOCIATE AND BACHELOR DEGREE PROGRAMME*

Level: Associate and Bachelor degree.

Titles:
1. Associate in Individualized Studies
2. Bachelor of Specialized Studies

Courses of instruction:

Commercial and Management Studies:
- Accountancy/Bookkeeping
- Administration
- Business administration
- Finance
- Management
- Marketing
- Personnel
- Public administration.

Humanities:
- History: World History, American History, Ancient Egypt and Mesopotamian History, Ancient Greece, Ancient Rome, and Ohio History.
- Humanities
- Philosophy
- Psychology.

Languages and literature:
- Linguistics
- Languages: English, German, Spanish, French, Greek, Latin
- Literature: French Literature, American Literature, Shakespeare, Classics of Western Civilization.

Educational Studies:
- Educational Psychology
- Child Psychology and Counseling
- Elementary Education
- Music Education.

Communications:
- Journalism.

Creative Arts:
- Theater Art.

Engineering and technology:
- Chemical Engineering
- Aviation.

Physical Science:
- Chemistry
- Physics
- Astronomy.

Biological Science and Technology:
General Biology and Life Sciences
Bio-ethical Problems in Biology and Medicine
Biology and the Future of Man
Hearing and Speech Science.

Medical and Health Sciences:
Health Studies.

Mathematics:
Computing, Computer Science
Mathematical Sciences.

Law:
Law Enforcement Technology
Business Law.

Social Sciences:
Careers Guidance and Counseling
Economics
Geography: World Geography
Sociology.

Services and Hospitality Science:
Library and Information Studies.

Home Economics.

Length of course: 96 credit hours for Associate Degree
192 credit hours for Bachelor Degree.

Media and methods: *Most dominant:*
Printed correspondence texts
Regional services
Evening schools.
Dominant:
Study centres
Face-to-face tutoring(Intensive on-site courses)
Face-to-face counselling
Counselling by telephone.
Least dominant:
Audio-cassettes
Video-cassettes.

Language of instruction: English.

Admission requirements: Complete Form 6 Standard.

Number of students: Number of current students: (1992) 513.
Annual intake of DE students: 3 times a year.

Evaluation:

Continuous assessment:

1. Written assignments for submission
2. Written intermediary examinations
3. Attendance at the local study centre
4. Contact with principal advisor.

Final assessment:

1. Written final examinations
2. Final take-home assignments.

Educational and Employment Arrangement: No specific placement services by the School but channelled through relevant professional organizations.

Profile of students in this level:

By Educational Background:	(%)
Primary:	-
Secondary/High school:	100.0
First degree:	-
Higher degree:	-
Total:	100.00

By Employment:	(%)
Public-Full-time:	06.0
Private-Full-time:	90.0
Part-time:	01.0
Others:	03.0
Total:	100.00

By types of career: Data not available.

By gender:	(%)
Male:	40.0
Female:	60.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Accredited by North Central Association of Colleges and Schools, USA.

PROGRAMME II: *MASTER DEGREE PROGRAMME*

Level:	Postgraduate.
Titles:	1. Master of Science Degree in International Marketing 2. Master of Business Administration
Courses of instruction:	*Commercial and management studies:* Business administration Finance Management Marketing Personnel.
Length of course:	Nine subjects and research project for M.BA degree, and seven subjects and research project for M.Sc. in International Marketing.
Media and methods:	*Most dominant:* Printed correspondence texts Regional services Evening schools. *Dominant:* Study centres Face-to-face tutoring(Intensive on-site courses) Face-to-face counselling Counselling by telephone. *Least dominant:* Audio-cassettes Video-cassettes.
Language of instruction:	English.
Admission requirements:	Completed Honors Degree and its equivalent. For M.BA, three years of experience after Bachelor's degree, or strong professional qualifications plus five years experience is required.

		M.Sc.	M.B.A
Number of students:	Number of current students:	47	250
	Annual intake of DE students:	2	2

Evaluation:

Continuous:
1. Written assignments for submission
2. Attendance of regular workshops/seminars.

Final: Written final examinations.

Educational and Employment Arrangement: No specific placement services by the School but channelled through relevant professional organizations.

Profile of students in this level:

By Educational Background:

	International Marketing (%)	Business Administration (%)
Secondary/High school:	-	-
First degree:	69.4	34.0
Higher degree:	06.1	06.8
Diploma:	20.4	48.4
Professional title:	04.1	10.0
Total:	100.00	100.00

By Employment:	(%)	(%)
Public-Full-time:	04.0	16.0
Private-Full-time:	96.0	84.0
Total:	100.00	100.00

By types of career: Data not available.

By gender:	(%)	(%)
Male:	85.7	79.0
Female:	14.3	21.0
Total:	100.00	100.00

Acceptance of certificate, diploma, and degree: Accepted.

EAST ASIA OPEN INSTITUTE*
ENGLISH SCHOOL OF UNDERGRADUATE STUDIES

INSTITUTIONAL DATA

Year of Establishment: 1982.

Name of Head: **Professor Peter Melhuish**
Position: *Principal, ESUS.*
Address: 13/F Shun Tak Centre
200 Connaught Road
Central, HONG KONG.
Telephone: **859-933**
Telex: **72708**
Fax: **858-1180.**

Nature of institution: Conventional university with distance education institute/school/directorate.

Educational levels provided for DE programmes: Diploma/Certificate
First degree.

Titles and levels of DE programmes:

Title	*Level*
1. Diploma in Business Diploma in Computer Science	Certificate
2. Bachelor of Science, Bachelor of Business Administration Bachelor of Arts.	First degree

Governance: Private establishment.

Objectives: Individual personal development
Individual vocational development
Life-long recurrent education
Compensatory nature
Expansion of educational opportunity
Equality of educational opportunity.

---

* The East Asia Open Learning Institute is technically a Macau entity and has an "office" in Hong Kong. It is therefore an overseas institute

Sources of financial support of DE programmes: *Tuition Fees:* The student pays all tuition expenses or required to pay a certain amount of tuition fees for US$6,250.00.
Budget: Data not available.

Trends of enrollment in DE Programmes: Data not available.

Number of DE students: Data not available.

Number of students currently enrolled in each DE level: Data not available.

Number of DE graduates: Each year: Approximately 70 each year.
Accumulative: Approximately 300.

Components of personnel in DE: A mix of full-time and part-time staff members.

Number of Staff:
Full-time: Total: 28 (Academic: 13; Non-academic: 15)
Part-time: Total: 3 (Academic)

Number of Courses and programmes: Data not available.

Production of teaching materials/media: Teaching materials and media are bought from overseas.

Overall student Profile: Data not available.

Future development: None.

Major obstacles for implementing distance education: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:
1. Bachelor's degree.
2. Diploma.*

*Survey data not available.

PROGRAMME I : *BACHELOR'S DEGREE PROGRAMMES*

Level:	First degree.
Titles of programmes offered in this level:	1.Bachelor of Arts 2.Bachelor of Science 3.Bachelor of Business Administration.
Courses of instruction:	*Commercial and management studies:* Accountancy/Bookkeeping Administration Business administration Management Marketing Personnel. *Humanities:* History Philosophy Psychology. *Languages and literature:* Literature. *Educational Studies:* Open and Distance Learning. *Mathematics:* Computing, Computer Science Information technology. *Social Sciences:* (Courses not listed).
Length of course:	*Minimum number of study hours/week/course:* 20 hours. *Total number of weeks/course:* 20 or 40 weeks. *Total number of courses making up programmes:* 60 courses.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Telephone tutoring. *Least dominant:* Audio-vision Video-cassettes Face-to-face tutoring Day schools.

Language of instruction: English and Chinese.

Admission requirements: No requirement, but students must meet the required minimum age of 18 years.

Number of students in this level: Number of current students: 2,800 (English undergraduate level)
Annual intake of DE students: 2 times.

Evaluation:
Continuous: 1. Written assignments for submission
2. Written intermediary examinations.

Final: Written final examinations.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	(%)
Secondary/High school:	48.0
First degree:	03.0
Higher degree:	02.0
Others:	42.0
Total:	100.00

By Employment:	(%)
Public-Full-time:	05.0
Private-Full-time:	60.0
Part-time:	35.0
Total:	100.00

By types of career:	(%)
In-service trainees:	06.0
Housewives:	03.0
Retired:	02.0
Others:	89.0
Total:	100.00

By gender:	(%)
Male:	60.0
Female:	40.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Accepted as comparable to those given by non-distance education institutions.

OPEN LEARNING INSTITUTE OF HONG KONG

INSTITUTIONAL DATA

Year of Establishment: 1989.

Name of Head: **Dr. Gajaraj Dhanarajan**
Position: *Director*
Address: 9-13F Trade Department Tower
700 Nathan Road
Mongkok, HONG KONG.
Telephone: **789-6600**
Fax: **789-1515.**

Nature of institution: Distance teaching only.

Educational levels provided for DE programmes:

1. First degree
2. Sub-degree (starting mid 1992)
3. Postgraduate degrees (starting 1993/94).

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor of Arts (Ordinary and Honors) in Western Arts and Humanities, and Chinese Arts and Humanities	First degree
2. Bachelor of Business Administration (Ordinary and Honors)	First degree
3. Bachelor of Science (Ordinary and Honors) in Applied Computer, Electronics, Environmental Studies, Engineering Mechanics, Materials and Design	First degree
4. Bachelor of General Studies (Ordinary)	First degree

Governance: A national establishment, but expecting to be self-financed by 1993-94.

Objectives: In ranking order:

1. Expansion of educational opportunity
   cost-effectiveness
2. Economic development
   Life-long recurrent education
   Equality of educational opportunity
   Preservation of trained manpower

3. National development
Individual personal development
Training of skilled manpower
Political and economic ideology

Sources of financial support of DE programmes: *Tuition Fees:* The student pays all tuition expenses or required to pay a certain amount of tuition fees of US$58.0 per credits (120 credits are required for an ordinary degree and 160 for an Hons degree).
Budget: Approximately US$20.0 million (For 1990).

Trends of development of DE resources and activities: *Expanded:*
Distance education programmes
Local study centres
Telecommunication equipment
Study materials and textbooks
Teaching force
Variety of courses offered
Broadcast programmes.

Decreased:
Financial provision.

Stable:
Audio-visual aids
Face-to-face sessions.

Not applicable: None.

Trends of enrollment in DE Programmes: Stable.

Number of DE students: Currently: 17,800
Annual intake: 12,000.

Number of students currently enrolled in each DE level:

Level	Number
1. Bachelor's degree	17,800.

Number of DE graduates: Not applicable. The OLI has not yet produced any graduates.

Components of personnel in DE: 1. All course coordinators are full-time academic staff.
2. All tutors are part-time staff.

Number of staff: Full-time: 190
Part-time: 800.

Number of Courses and programmes: Number of courses offered: 38, expected to grow up to 135 by 1995/96.
Number of programmes offered: 18.

Production of teaching materials/media: Teaching materials and media are produced by Course Developers, internal or contracted. The OLI sets a Detailed Programmed Plan; Course Developers and Designers design the blueprint; then study units are developed; all stages need approval by internal and external bodies. The stages are (1) Design Blueprint of courses, (2) Develop Course Guide and Prototype Unit; (3) Produce Remaining Units; and (4) Approve Course Materials by internal and external bodies.

Regional/Study Centres: Available. Number of the centres: 13. The centres are run by OLI. The sources of financial supports are from OLI. Major functions of the centres are providing tutorial sessions mainly; self-study; laboratory works, computer work, and examinations.

Overall student Profile:

Age:

Years:	(%)
Under 21	12.0
Between 21-30	60.0
Between 31-40	26.0
Between 41-50	02.0
Total:	100.0

Gender:

Sex:	(%)
Male	66.0
Female	34.0
Total:	100.0

Income:

Level:	(%)	US$/month
Top	20.0	+1,700
Middle	60.0	640 - 1,700
Bottom	20.0	- 640.00.
Total:	100.0	

Geographical distribution:

Areas:	(%)
Urban	100.0
Rural	-
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition*: Data not available.

Occupational distribution: (October, 1990)

	(%)
Managers, Professionals	31.5
Secretarial and Clerical	27.9
Technical personnel	18.2
Agriculture, community and construction	04.5
Services	05.2
Other occupation	09.8
Unemployed and retired	02.9

Future development: Sub-degree courses will be offered in a Centre of Continuing and Professional Education to be set up in 1993.

Major obstacles for implementing distance education: None.

Affiliation with regional and international DE organizations:

AAOU
ICDE
IUC
ACU

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. Bachelor's degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMMES*

Level: First degree.

Titles of programmes offered in this level:
Bachelor of Arts - B.A.
Bachelor of Arts - B.A.(Honors)
Bachelor of Science - B.Sc.
Bachelor of Science - B.Sc.(Honors).

Courses of instruction:
Commercial and management studies:
Accountancy/Bookkeeping
Administration
Business administration
Finance
Management
Marketing
Personnel.
Humanities:
Contemporary and cultural studies
History:Western History, Chinese History.
Humanities
Philosophy
Psychology.
Languages and literature:
Languages: English
Literature: Western and Chinese.
Engineering and technology:
Computer technology, programming
Construction and environmental engineering
Electrical, electronic and microelectronic
Engineering design
Bio-Chemical engineering
Materials science and metallurgy.
Physical Science:
Chemistry
Electronics, microelectronics
Physics.
Biological Science and Technology:
General Biology and life sciences
Applied Biology
Environmental studies.
Mathematics:
Computing, Computer Science

Information technology
Statistics.
Social Sciences:
Economics
Government and Politics
Sociology.

Length of course:
Minimum number of study hours/week/course:
9 hours for 10 credit course.
Total number of weeks/course: 20-43 weeks.
Total number of courses making up programmes: 120 credits for Ordinary degree and 160 credits for Honors degree. Courses come in 3 sizes viz: 5, 10 and 20 credits.

Media and methods:
Most dominant:
Printed correspondence texts.
Dominant:
Video-cassettes
Telephone instruction
Face-to-face tutoring
Tutorial via mailing
Telephone tutoring
Audio-cassettes
Audio Vision
Television programmes
Kits
Practical work
Study centres
Day schools
Evening schools
Weekend schools.
Least dominant:
Radio programmes
Radio via satellite
Telephone instruction
Video tutoring
Video via satellite
Television via satellite
Television via cable
Computer assisted learning
Computer conferencing
Audiographics
Viewdata
Databases
Compact discs
Tutoring via audio-teleconferencing
Tutoring via video teleconferencing
Tutoring via satellite

Face-to-face counselling
Counselling by telephone
Counselling via other media
Regional services
Longer residential school.

Language of instruction: English, except for Chinese courses where Chinese is used.

Admission requirements:
1. Meet the required minimum age of 18 years
2. Be a resident of Hong Kong.

Number of students in this level: Number of current students: 17,800.
Annual intake of DE students: about 12,000/year.

Evaluation:
Continuous: Written assignments for submission.

Final: Written final examinations.

Educational and employment arrangements for graduates: None.

Profile of students in this level: (October, 1990)

By Educational Background:	(%)
Secondary/High school:	61.9
Sub-degree, diploma:	30.0
First degree:	03.7
Others:	04.4
Total:	100.00

By Employment:	(%)
Full-time:	95.7
Others:	04.3
Total:	100.00

By types of career: Data not available.

By gender:	(%)
Male:	66.0
Female:	34.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Accepted. Degree offered by this Institute is recognized by the Hong Kong Government; and courses are transferable to UK Open University, as well as other conventional systems in U.K, Canada, and Australia.

DEPARTMENT OF EXTRA-MURAL STUDIES
THE CHINESE UNIVERSITY OF HONG KONG

INSTITUTIONAL DATA

Year of Establishment: 1965.

Name of Head: **Dr. Spencer Wong**
Position: *Director*
Address: 67, Chatham Road S., 13/F
Kowloon, HONG KONG.
Telephone: 723-7996/3662681
Fax: 739-2797.

Nature of institution: Conventional institution with distance education department.

Educational levels provided for DE programmes:
Secondary for Adults
Certificate/Diploma
Training
Pre-degree
First degree
Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1. Correspondence courses	Secondary
2. Certificate courses	Secondary
3. Radio, TV & Self-Learning	Secondary and above
4. Overseas Joint Programme	Post-Secondary to Degree Program & Postgraduate

Governance: CUHK is a Government subvented local university.

Objectives: In ranking order:
1. Life-long recurrent education
2. Equality of educational opportunity
3. Expansion of educational opportunity
4. Individual personal development
5. Individual vocational development
6. Training of skilled manpower

Sources of financial support of DE programmes:

Tuition Fees: The student pays all tuition expenses. The amount varies with courses.
Budget: Data not available.

Trends of development of DE resources and activities:

Expanded:
DE programmes
Study materials/texts
Teaching force
Variety of courses offered.

Decreased: None.

Stable:
Financial provision
Local study centres
Telecommunication equipment
Broadcast programmes
Audio-visual aids
Face-to-face sessions

Not applicable:
Library resources.

Trends of enrollment in DE Programmes:

Increasing.

Number of DE students:

Current: Not yet due for calculation.
Annual intake: 11,975.

Number of students currently enrolled in each DE level:

Level	Number
1. Secondary Level	11,312
2. Post-Secondary & above	663

Number of DE graduates:

Each year: inapplicable.
Accumulative: inapplicable.

Components of personnel in DE:

A mix of full-time and part-time staff members.

Number of Staff:

Full-time: 6 non-academic staff.
Part-time: Data not available.

Number of Courses and programmes:

Number of courses offered: 139.
Number of programmes offered: 7 (including Overseas Joint Programmes).

Production of teaching materials/media:	Some teaching materials and media are purchased from publishers. Some are produced by the Department.
Regional/Study Centres:	2 centres are available. These centres are run by the Department from a rented school premises. The sources of financial supports are mainly from course fees that are received. Major functions of the centres are for tutorial sessions.
Overall student Profile:	Data not available.
Ethnic and Occupational Composition of DE Students:	*Ethnic composition:* Mostly Chinese students. *Occupational distribution:* Clerical, teachers. technicians, and others.
Future development:	Information not available.
Major obstacles for implementing distance education:	Lack of financial resource in developing and producing learning materials.
Affiliation with regional and international DE organizations:	Information not available.
PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:	List of Programmes: 1. Secondary Education 2. First Degree 3. Postgraduate. 4. Certificate/Diploma.

PROGRAMMES I-IV : *ALL PROGRAMMES*

Level:	All levels.
Courses of instruction:	*Commercial and management studies:* Accountancy/Bookkeeping Business administration Management Banking Marketing Personnel. *Languages and literature:* Languages: Chinese and English (Correspondence courses). *Educational Studies:* Curriculum development Adult learning Technology Education Open and distance learning.
Length of course:	From one to two years and a half for those enroll as part-time students.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Audio-cassettes radio Video-cassettes Computer assisted learning. *Least dominant:* Television programmes Face-to-face tutoring.
Language of instruction:	English supplemented by Chinese.
Admission requirements:	Completed a certain level of general education as required by each individual programme, and have some work experience.
Number of students in this level:	Number of students for each level: Varies from 30 - 360 students. Annual intake of DE students: about 6,000.

Evaluation:

Continuous:
1. Written assignments for submission
2. Attendance at the local study centre.

Final:
1. Written final examinations
2. Final take-home assignment
3. Completing regular home-work assignments (by correspondence courses).

Educational and employment arrangements for graduates: Data not available.

Profile of students in this level:

By Educational Background:	(%)
Primary:	-
Secondary/High school:	-
First degree:	40.0
Diploma (Graduate):	60.0
Total:	100.00

By Employment:	(%)
Public-Full-time:	70.0
Private-Full-time:	30.0
Part-time:	-
Total:	100.00

By types of career: Data not available.

By gender:	(%)
Male:	75.0
Female:	25.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Not specified.

SURVEY OF DISTANCE EDUCATION IN THE REPUBLIC OF INDIA

COUNTRY PROFILE *India, a union of states, is a Sovereign Socialist Secular Democratic Republic with a Parliamentary form of government. Located in South Asia covering an area of square 1,269,419 miles (square 3,287,782 kilometres) extending from the snow-covered Himalayan ranges to tropical rain forests of South. It is bordered on the northwest Pakistan; on the northeast by China, Nepal, and Bhutan; and on the east by Myanmar and Bangladesh. India comprises 25 states and seven Union Territories. The capital is New Delhi.*

Economy, Population and Demography: A mixed socialist and market economy in which both the public and private sectors participate. It is a developing country with the GNP totalled more than US$225.85 billion (sharing 1% of the world GNP although the population is 16% of the world population) and the GNP per capita was US$340 in 1988. Agriculture and services being the largest sectors and the manufacturing industries rapidly expanding. The population of India was estimated at 844 million in 1991 and the annual growth rate was 2.11 per cent during 1981-91. The occupational pattern of India is typically that of an under-developed economy with about 69 per cent of its labour force engaged in primary sector (agriculture, livestock, forestry, fishing, plantations), 13 per cent engaged in secondary sector (mining, manufacturing and construction) and about 18 per cent in the service sector (trade, commerce, transport and communications, personal and community services). The literacy rate with reference to the population aged seven and above was 52.0% (64.0% among males and 39.0% among females) improved from 18.3% at the time India achieved independence in 1947.

Languages of Instruction: English and the regional languages: *Hindi, Kannada, Marathi, Panjabi, Tamil, Telugu,* and *Urdu.* At the postgraduate level, English is used by most conventional and distance education institutions.

Educational System: India has a complete system of education both formal and non-formal. Formal education system is 5:3:2:2:3 with five-year Primary, three-year Upper Primary, two-year Secondary education, two-year higher secondary, and three-year college degree. Presently, there are 756,000 schools and 176 universities in India. Non-formal education mode has been implemented since 1985 at the Primary and Upper Primary levels at the Non-Formal learning centres and at Secondary level through the Open School, Delhi, established in July 1979 indicating the shifting emphasis from expanding the formal system to developing open learning/distance education.

Communication Infra-structure: Complete communication infra-structure for printing, postal services, radio and television broadcasts, telephone, and telecommunication.

OVERVIEW OF DISTANCE EDUCATION:

Distance education has played an important role in imparting education for millions of Indian people for many decades. The first clear statement on distance education was made in the Report of the Education Commission (1964-66) when it mentioned "...There must also be a method of taking education to the millions who depend upon their own effort to study whenever they can find time to do so. We consider that correspondence or home-study courses provide the right answer for these situations...." Since a pilot project on correspondence education was introduced in Delhi University in 1962, a number of conventional institutions have introduced distance education programmes in the form of correspondence courses and open universities.

Distance education was initially conceived as a sub-system in the conventional institutions. To establish their credibility, the correspondence institutions adopted the same syllabi of the conventional universities. The success of Delhi University's experiment in correspondence education encouraged other universities to establish correspondence programmes at various levels. In 1982, India's first open university, Andhra Pradesh Open University, was established. By 1989, India had 5 Open Universities and 35 DE institutions attached with the conventional universities. In the secondary school level, distance education began with the establishment of the Open School in 1979 by the Central Board of Secondary Education, New Delhi, to provide an alternative channel for education and opportunity to school drop-outs, housewives, unemployed or working adults and in general to those who needed continuing education.

Factors Leading to Establishment of DE Programmes: (1) The need to increased the number of educated manpower; and (2) the formal education system was unable to meet the rising demand for basic and higher education.

Year of Establishment: 1962 with the implementation of a pilot project on correspondence education at Delhi University.

Media for Distance Education: Printed texts as core-media supported by direct teaching, tutorials, practical work, radio/TV broadcasts, audio-cassettes, and video-cassettes.

Sources of Financial Supports: From (1)Government funding through the University Grants Commission (UGC), (2)students tuition fees, (3) investments/surplus generating, and (3) donations or assistance. IGNOU is funded by the Ministry of Human Resource Development, not from, the UGC. State Open Universities receive funds from the State Government, the UGC, and recently, some from IGNOU. The distance education institutions within conventional universities receive grants from UGC. Some DE institutions are operating as self-support, surplus generating institutions and do not depend on UGC grants.

Trends of Development in Distance Education: The development of distance education in India has been one of the most systematic. The history of development may be traced back in three stages: *(1) Pre-Take-Off Stage* (1962-70) when the first DE institutions were developed with the establishment of four institutions: Delhi, Punjabi University, Patiala, Meerut, and Mysore; (2) *Take-Off Stage* (1970-80) when distance education was in the "expansion phase" within the framework of the conventional university structure. More institutions (19 universities) established correspondence education institutions, and existing DE programmes began offering post-graduate and diploma/certificate courses e.g. B.A./B.Com., M.A., M.Com., B.Sc; (3) *Drive towards Maturity* (1980-present) when independent, single-mode distance education institutions were initiated with the establishment of Andhra Pradesh Open University in 1982 as an autonomous institution followed by the Indira Gandhi National Open University by the federal Government; Kota Open University; Nalanda Open University of Bihar, and Yashwantrao Chavan Maharashtra Open University.

Legal Status: Fully supported by individual institutions' law and regulations.

Aims: For correspondence education, the aims are (1) To provide an alternative method of education to enable a large number of persons with necessary aptitude to acquire further knowledge and improve their professional competence, i.e. students who, whatever the reasons, had to discontinue their formal education and those look upon education as a life-time activity and may either like to refresh their knowledge in an existing discipline or to acquire knowledge in a new area, and (2) To provide lifelong education to the youth, housewives, agricultural and industrial workers, and professionals to continue the education of their choice at the pace suited to them.

For Indira National Open University, the aim is "...to advance and disseminate learning and knowledge by a diversity of means, including the use of any communication technology, to provide opportunities for higher education to a large segment of the population..., and to encourage the open university and distance education systems in the educational pattern of the country, and to co-ordinate and determine the standards in such systems."

Control and Management:

No pattern in the organization, quality-control and funding of DE institutions in India is established. There are three types of DE institutions: **(A) The apex national institution** with a certain degree of controlling power and coordinating capacities, i.e. the Indira Gandhi National Open University assigned a dual role as a teaching institution and acts as the University Grants Commission for all the Open University and distance education systems; **(B) Independent single-mode state open universities** (i.e. Andhra Pradesh Open University, Kota Open University, Yashwantrao Chavan Maharashtra Open University, and Bihar's Nalanda Open University) vested with the power to control their own administrative and academic affairs such as initiating new courses, introducing flexibility in their design and operation, prescribing their own eligibility conditions, and innovating their own system of evaluation; and **(C) Dual-mode, off-campus, distance education institutions attached with conventional universities** operated in four different status: (1) With the status of university departments, e.g. DCC Chandigarh-Punjab, DCC Patiala-Punjab,and ICC Srinagar-J&K); (2) Controlled by the University Syndicate/Executive Council without the status of a college or a department, e.g. DCC Bombay, ICC Bhopal; (3) Self-financing, e.g. Centre for Distance Education, Hyderabad); and (4) Surplus generating for DE activities and the whole University, and in some cases the deficit is met by the University from its resources.

To lay down norms for the functioning and the quality-control in the present DE structure, a joint body consisting of representatives of UGC, IGNOU and DE institutions will be established. The Indira Ghandi National Open University in June 1991 has decided to set up a Distance Education Council for the purpose.

Instructional System:

Varied according to a certain degree between the two modes of distance education. Generally, students in both modes study from printed materials based on the same curriculum and syllabi used for the on-campus students. They also have to perform the following activities: (1) attend personal contact programmes for direct teaching, tutorials, and counselling of varying durations (7-30 days) at regional or local study centres; (2) carry out practical/laboratory work (education, science, engineering, management, computers, health and nutrition); (3) study from audio-vision; (4) listen to radio broadcasts (Universities of Delhi, Punjab, Patiala, Madras, and Madurai Kamraj University); (5) watch television broadcasts (Indira Gandhi National Open University); (6) listen to audio-cassettes and view video-cassettes (IGNOU, Kota Open University, Annamalai University and Punjab University); and (7) attend tutoring via mail/instruction through written assignments/Student's Response Sheets (SRS).

Geographical coverage: Nation-wide coverage through the national and state levels of distance education systems. IGNOU, for example, has established 170 study centres spreading all over the country.

Enrollment and Graduates in DE Programmes: In 1989-90, the total enrolment of DE students was 535,512 of which the Open Universities accounted for 88,415 (16.5% and the DE programmes in conventional universities accounted for 447,097 (86.5%). Among the four regions, Southern Region got the largest enrollment(62%), followed by Northern Region (27.8%), Central and Western Region (8%), and Eastern Region (2.2%). Taking individual states, DE in Himachal Pradesh accounts for nearly 40% of the total enrolment, followed by Delhi 38.9%, Tamil Nadu 37.7%, and Andhra Pradesh 21.9%. Among the open universities, the Andhra Pradesh Open University has the biggest enrollment of 34,644.

International Affiliation and Cooperation: DE institutions at the national and state levels are members of some regional or international DE organizations such as ICDE (former ICCE), AAOU, and Commonwealth of Learning.

Problems and Constraints: Problems varied according to the types of DE institutions. More so for dual-mode distance education institutions within the conventional establishment: (1) **DE institutions are treated as mere appendages of conventional universities**: Bogged down by their own problems, very little time is devoted by the Universities (Academic Councils and Executive Councils/Syndicates) to promote DE techniques; (2) **DE operators have no opportunity to play a dominant role in the decision-making** for its conception, rectification. modification and development; (3) **Lack of academic autonomy**--no independent faculty empowered to frame syllabi, prescribe conditions of eligibility to different courses and innovate a system of evaluation relevant to distance education, thus forced to follow the syllabi of the conventional universities and adhere to the rigid frame of their eligibility conditions and pattern of examination; (4) **Lack of financial autonomy**--DE is promoted as sources of generating surpluses for developing infrastructure and other programmes of the universities but less is provided for support of DE infrastructure and activities; and (5) **Lack of administrative autonomy** in respect of recruitment of staff, purchase of equipment and developing a separate set of norms consistent with the system of distance education in terms of leave, hours of work, schedule of vacation.

LIST OF DISTANCE EDUCATIONAL INSTITUTIONS:

Note:
There are more than 35 DE institutions and 5 open universities in India. Survey data not available from the following institutions:

DE Institutions:
Meerut (1969)
Punjab/Himachal Pradesh(1971)
Andhra and Sri Venkateswara(1972)
CIEFL Hyderabad(1973)
Patna(1974)
Bhopal-Madhya Pradesh/Utkal-Orissa/Bombay-Maharashtra(1975)
Jammu/Srinagar/Rajasthan(1976)
Kerala(1977)
Allahabad/SNDT Women-Bombay(1978)
Udaipur (1979).

Open Universities:
Andhra Pradesh Open Univ. (1982)
Indira Gandhi National Open Univ.(1985)
Kota Open Univ.(1987)

A. Correspondence/Distance Education Institutions:

1. School of Correspondence Courses and Continuing Education,
   Delhi University, Delhi (1962)
2. Department of Extension Education
   Punjab Agricultural University, Ludhiana (1962)
3. Distance Learning Programme
   Birla Institute of Technology and Science, Pilani (1964)
4. Institute of Correspondence Course and Continuing Education,
   Manasa Gangotri, Mysore (1969)
5. Institute of Correspondence Course and Continuing Education,
   Madurai Kamaraj University, Madurai (1971)
6. Directorate of Correspondence Courses
   Panjab University, Chandigarh (1971)
7. Directorate of Distance Education
   University of Bombay, Fort Campus, Bombay (1975)
8. Institute of Correspondence Courses
   Barktullah University, Bhopal, M.P (1975/76)
9. Centre for Distance Education
   Osmania University, Hyderabad (1977)
10. Directorate of Distance Education
    Annamalai University, Annamalai Nagar, Madras (1979)

B. Open Universities:

11. Nalanda Open University
    Patna, Bihar (1987)
12. Yashwantrao Chavan Open University
    Nasik (1989).

SCHOOL OF CORRESPONDENCE COURSES AND CONTINUING EDUCATION
UNIVERSITY OF DELHI

INSTITUTIONAL DATA

Year of Establishment: 1962.

Name of Head: **Ruddar Datt**
Position: *Principal*
Address: University of Delhi
5, Cavalry Lines,
Delhi 110007, INDIA.
Telephone: **251-7643**

Nature of institution: Distance teaching school within a conventional university.

Educational levels provided for DE programmes:
First degree
Postgraduate degree
Further education.

Titles and levels of DE programmes:

Title	*Level*
1. B.A.(Pass)	Undergraduate
2. B.Com.(Pass)	
3. B.Com.(Honors)	
4. B.A.(Honors) English	
5. M.Com. and M.A. (Hindi, Pol.Science, History, Sanskrit)	Postgraduate

Governance: A national establishment.

Objectives:
1. Compensatory nature
2. Expansion of educational opportunity
3. Equality of educational opportunity
4. National development.

Sources of financial support of DE programmes:
Tuition Fees:
Undergraduate students are required to pay a certain amount of US$18.35 for tuition fees; and US$23.18 for the students residing abroad. Postgraduate students pay higher tuition charges.

Budget: For 1989/90
Income: (1) University US$529,956.50
(2) UGC US$422,390.40.
Expenditure: US$952,346.95.

Trends of development of DE resources and activities:
Expanded:
Financial provision
Distance Education programmes
Local study centres
Study materials and textbooks
Teaching force
Variety of courses offered
Broadcast programmes
Face-to-face sessions
Library resources.
Decreased: None.
Stable: None.
Not applicable: None.

Trends of enrollment in DE Programmes: Increasing.

Number of current DE students: App. 100,000.

Number of annual intake of DE students: App. 50,335 annually.

Number of students currently enrolled in each DE level:

Level	Number
1. B.A.(P)	31,342
2. B.Com(P)	14,717
3. B.Com(Hons)	1,742
4. B A(Hons)English	517
5. M.A	1,553
6. M.Com	464

Number of annual DE graduates: App. 1,500.

Accumulative number of DE graduates: App. 30,000 in all courses.

Components of personnel in DE: All faculty members are full-time employees.

Number of full-time staff: Total: 366 (Academic: 99; Non-academic: 267)

Number of part-time staff:
Academic: None
Non-academic: 25
Total: 25.

Number of Courses and programmes:
Number of courses offered: 9
Number of programmes offered: 9.

Production of teaching materials/media:
Teaching materials and media are produced by teachers.

Regional/Study Centres:
Available.
Number: 10.
The centers are run by the School itself.
The sources of financial support are from scholars.
Major functions of the centres are to provide tutorial sessions and counselling services.

Overall student Profile:

Age distribution:

Years:	*Proportion* (%)
Under 21	90.47
Between 21-30	09.20
Between 31-40	00.33
Between 41-50	-
Between 51-60	-
Over 61	-
Total:	100.0

Gender distribution:

Sex:	(%)
Male	54.5
Female	45.5
Total:	100.0

Income Level: Data not available.

Geographical distribution:

Areas:	(%)
Urban	Data not available
Rural	
Total:	100.0

Occupational and Ethnic Composition of DE Students:
Ethnic Composition: Mostly Indians.

Occupational distribution: Data not available.

Future development: None.

Major obstacles for implementing distance education:
1. Conventional university departments do not permit innovation, flexible courses, and different evaluation matters;
2. Lack of sufficient financial support.

Affiliation with regional and international DE organizations:
NCCE.
ICDE.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:
List of Programmes:
1. Bachelor's degrees.
2. Master's degrees.

PROGRAMME I&II: *BACHELOR'S DEGREE PROGRAMMES MASTER'S DEGREE PROGRAMMES*

Levels:	Undergraduate Postgraduate
Titles of programmes offered in this level:	1. B.A. (Pass) 2. B.Com.(Pass) 3. B.A.(Honors) 4. B.Com. (Honors) 5. M.A.(Political Science) 6. M.A.(Hindi) 7. M.A.(History) 8. M.A.(Sanskrit) 9. M.Com.
Courses of instruction:	Information not available.
Length of course:	Data not available.
Media and methods:	*Most dominant:* Printed correspondence texts. *Dominant:* Radio. *Least dominant: None.*
Language of instruction:	Hindi and English.
Admission requirements:	1. Completed 10 plus 2 Level 2. Meet the required minimum age of 17 years.
Number of students:	Data not available.
Annual intake of DE students:	Data not available.
Evaluation	
Continuous:	Written assignments for submission.
Final assessment:	Written final examinations.

Educational and employment arrangements for graduates: None.

Profile of students in this level: *By Educational Background:* Data not available.

By Employment: Data not available.

By types of career: Data not available.

By gender:

	(%)
Male:	54.5
Female:	45.5
Total:	100.00

Acceptance of certificate, diploma, and degree: Accepted as comparable to those given by non-distance education institutions.

DEPARTMENT OF EXTENSION EDUCATION
PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA

INSTITUTIONAL DATA

Year of Establishment: 1962.

Name of Head: **Dr. Amarjit Singh Dhaliwal**
Position: *Professor and Head*
Address: Department of Extension Education
Punjab Agricultural University
Ludhiana, INDIA.
Telephone: **51960 Ext: 321.**

Nature of institution: Department of the University with correspondence programme.

Educational levels provided for DE programmes: Farm and Home Education--These courses are for rural farmers and farm women who are engaged in farming.

Titles and levels of DE programmes:

Title	*Level*
1. Integrated course in Agriculture for Farmers	For farmers
2. Home Management and Family Life for Farm Women	For farm women

Governance: A national establishment.

Objectives:
1. Economic development
2. National development
3. Personal development
4. Individual vocational development
5. Life-long recurrent education
6. Training of skilled manpower.

Sources of financial support of DE programmes: *Tuition Fees:* Free.
Budget: (1990) approximately Rs.50,000.00 (US$1,955.00).

Trends of development of DE resources and activities: *Expanded:*
Study materials and textbooks
Variety of courses offered
Broadcast programmes

Face-to-face sessions.
Decreased: None.
Stable:
Financial provision
Distance education programmes
Teaching force
Audio-visual aids.
Not applicable:
Local study centres
Telecommunication equipment
Library resources.

Trends of enrollment in DE Programmes: Varying from year to year.

Number of current DE students: App. 12,000 trainees/farmers and farm women have been imparted training under the correspondence courses.

Number of annual intake of DE students: 672 (1990).

Number of students currently enrolled in each DE level:

Entry Level	Number
1. Middle school	77
2. Matriculation/higher education	488
3. Graduate	98
4. Postgraduate	9

Number of annual DE graduates: App. 400-500 trainees.

Accumulative number of DE graduates: App. 12,000 trainees.

Components of personnel in DE: Faculty members share their work duties between a non-distance education departments and the distance education department.

Number of staff:
full-time: Total: 9 (Academic: 7 Non-academic: 2)
Part-time: None.

Number of Courses and programmes: Number of courses offered: 2
Number of programmes offered: 2.

Production of teaching materials/media: Teaching materials and media are produced by experts in different disciplines. The lessons are written in local language, i.e. Panjabi and printed before supplying to trainees.

Regional/Study Centres: Study centres not available.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	11.78
Between 21-30	49.36
Between 31-40	24.84
Between 41-50	14.02
Between 51-60	-
Over 61	-
Total:	100.0

Gender:

Sex:	(%)
Male	59.38
Female	40.62
Total:	100.0

Income: Data not available.

Geographical distribution:

Areas:	(%)
Urban	04.51
Rural	95.49
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* All Indians. Most of them belong to the farming families from the rural areas.
Occupational distribution: Farmers 100%

Future development: None.

Major obstacles for implementing distance education: (1)Shortage of funds, (2) Non-availability of vehicles for Personal Contact Programmes(PCP) and follow-up of programmes, and (3) Disturbed condition in the State.

Affiliation with regional and international DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:
Correspondence Course in Agricultural and Home Science for Farmers and Farmer Women.

PROGRAMME I: *CORRESPONDENCE COURSE IN AGRICULTURE AND HOME SCIENCE FOR FARMERS AND FARM WOMEN*

Level:	Continuing education.
Courses of instruction:	Farming Home economics.
Length of course:	One year duration courses for farmers and farm women separately.
Media and methods:	*Most dominant:* Printed correspondence texts Audio-cassettes Audio Vision Television programmes Radio programmes Personal Contact Programmes at State and District levels. *Dominant:* None. *Least dominant: None.*
Language of instruction:	Panjabi Language.
Admission requirements:	1. Be able to read and write 2. Meet the required minimum age of 17 years 3. Have practical experience of farming.
Number of students:	400-500 trainees.
Annual intake of DE students:	12,000 students.
Evaluation:	
Continuous: assessment:	Regular return of response sheets attached with the correspondence courses lessons.
Final assessment:	Return at least six response sheets out of 12 to be awarded certificates.
Educational and employment arrangements for graduates:	These course are not job oriented. The knowledge imparted through these courses is useful for improving their existing levels of farming and home.

Profile of students in this level:

By Educational Background:

	(%)
Primary:	-
Middle School:	30.0
Secondary/High school:	58.0
First degree:	10.0
Higher degree:	02.0
Total:	100.00

By Employment: Data not available.

By types of career: Data not available.

By gender:

	(%)
Male:	59.38
Female:	40.62
Total:	100.00

Acceptance of certificate, diploma, and degree:

No similar courses are available at other institutions.

DISTANCE LEARNING PROGRAMME
BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE

INSTITUTIONAL DATA

Year of Establishment: 1964.

Name of Head: **Dr. S. Venkateswaran**
Position: *Director*
Address: Birla Institute of Technology and Science
Pilani, Rajasthan 33031, INDIA.
Telephone: 91-15951-2190
Telex: -
Fax: 91-15951-2123

Nature of institution: Conventional institution with distance education programmes.

Educational levels provided for DE programmes:
Integrated First degree
Higher Degree.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor of Science (B.S.)	Integrated First degree
2. Master of Vocational Studies (M.V.S)	Integrated First degree
3. Master of Science (M.S)	Higher degree
4. Master of Philosophy (M.Phil.)	Higher degree

Governance: Private self-financing institution.

Objectives:

1. Economic development
2. National development
3. Life-long continuing education
4. Participation in human resources development activity of collaborating organization.

Sources of financial support of DE programmes:

Tuition Fees:
All tuition fees paid by the employer/student.

Budget: Integrated with overall budget of the Institute.

Trends of development of DE resources and activities:

Expanded:
Programmes are Science and Technology based.
DE programmes evolved specifically for collaborating organizations.
Development of study materials and textbooks
Work environment provided by sponsoring organization to meet academic requirement.
Decreased: None.
Stable: None.

Trends of enrollment Increasing.

Number of current DE students: 606.

Number of annual intake of DE students: Admitted 370 students in 1991. Expected to increase further.

Number of students currently enrolled in each DE level:

Level	Number
1. M.S	413
2. B.S	158
3. M.V.S	19
4. M. Phil.	16

Number of annual DE graduates: 107.

Accumulative number of DE graduates: 270.

Components of personnel in DE:

1. Total faculty pool of BITS available for formal and distance education programmes.
2. Approved tutors drawn from professionals of sponsoring organizations.

Number of staff:
full-time:
Part-time:
Common faculty pool of BITS for campus based and distance education programmes

Number of Courses and programmes:
Number of courses offered: 80 per semester
Number of programmes offered: 20.

Production of teaching materials/media: Teaching materials and media are produced by teams of Institute faculty.

Regional/Study Centres: Regional Centres: New Delhi; Bombay; Calcutta; Madras; Hyderabad; Bangalore; Vellore; Nagda; and Pilani.

Overall student Profile:

Age: Most of the students are in 20-40 age group.

Gender:

Sex:	(%)
Male	90.0
Female	10.0
Total:	100.0

Income: Data not maintained.

Geographical distribution:

Areas:	(%)
Urban	95.0
Rural	05.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition*: Not applicable as per our admission and education process.

Occupational Distribution:

Research and Development Laboratories:	28%
Industry:	44%
Educational Institute:	15%
Others:	13%
Total:	100%

Future development: To evolve collaboration with established organizations for furthering the distance learning.

Major obstacles for implementing distance education: None.

Affiliation with regional and international DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:

1. Master of Science (M.S.)
2. Master of Vocational Studies (M.S.)
3. Bachelor of Science (B.S.)

PROGRAMME I: *MASTER OF SCIENCE PROGRAMME*

Level:	Higher degree.
Courses of instruction:	*Engineering and technology:* Computer Science Electronic and Control Systems and Information Software Systems Technological Operation. Electronic Science Physical Science Life Science Engineering Management Habitat Technology *Medical and Health Sciences*: Hospital and Health System Management Pharmacy Operation.
Length of course:	9 semesters; pace change permitted.
Media and methods:	*Most dominant:* Printed correspondence texts Tutorial via mailing Counselling via mailing. *Dominant:* None. *Least dominant: None.*
Language of instruction:	English.
Admission requirements:	1. Complete first degree of BITS or its equivalent 2. Must be employed.
Number of students:	Current number of students: 413. Admitted 171 in 1991.
Evaluation:	
Continuous:	1. Written assignments for submission 2. Written regular tests, quizzes, seminars and projects.
Final assessment:	1. Written final examinations 2. Oral final examinations, seminars in Thesis, project type courses.
Educational and employment arrangements for graduates:	None. Currently only employed candidates are admitted.

Profile of students in this level:

By Educational Background:

	(%)
Primary:	-
Secondary/High school:	-
First degree:	61.5
Higher than first degree:	39.5
Total:	100.00

By Employment: Data not available.

By types of career: All are full time employees.

By gender:

Male:	85%
Female:	15%
Total:	100%

Acceptance of certificate, diploma, and degree:

Equivalent to ang higher degree like M.E., M.Pharm., etc. under formal programmes of BITS.

PROGRAMME II: *BACHELOR OF SCIENCE*
MASTER OF VOCATIONAL STUDIES PROGRAMME

Level: First degree.

Courses of instruction: *Engineering and technology:*
Technological Operations
Information System
Information Management
Engineering Technology
Computer Operations and Application.
Medical and Health Sciences:
Pharmacy Operations.

Length of course: 4-year programme: currently offered as 2 year programme for employed persons under advanced standing flexibility of BITS.

Media and methods: *Most dominant:*
Printed correspondence texts
Tutorial via mailing
Counselling via other media.
Dominant: None.
Least dominant: None.

Language of instruction: English.

Admission requirements:
1. Be a graduate or a diploma holder
2. Be a current employee
3. Educationally sponsored by employer
4. Have 3-5 years of working experience.

Number of students: Current number of students: 177.
Annual student intake: admitted 97 in 1991.

Evaluation:
Continuous:
1. Written assignments for submission
2. Written regular tests, quizzes, seminars and project reports.

Final assessment:
1. Written final examinations
2. Oral final examinations
3. Seminars in Thesis, project type courses.

Educational and employment arrangements for graduates: None. Currently only employed candidates are admitted.

Profile of students in this level:

By Educational Background:	(%)
Primary:	-
Secondary/High school:	-
Diploma:	38.5
Others:	61.5
Total:	100.00

By Employment: All are full-time employees.

By types of career: All are full-time employees.

By gender:

Male:	95%
Female:	5%
Total:	100%

Acceptance of certificate, diploma, and degree: Equivalent to any first degree like B.E. (hons.), M.Sc. (Hons.), B.Pharm. (Hons), M.Sc. (Tech.), etc. under formal programmes of BITS.

INSTITUTE OF CORRESPONDENCE COURSE AND CONTINUING EDUCATION, MYSORE

INSTITUTIONAL DATA

Year of Establishment: 1969.

Name of Head: **J.S. Parasivamurthy**
Position: *Director*
Address: Institute of Correspondence Course
and Continuing Education
Manasa Gangotri, Mysore 570006, INDIA.
Telephone: **22149, 24733**

Nature of institution: Distance teaching only.

Educational levels provided for DE programmes:
- Certificate/Diploma
- Pre-degree
- First degree
- Postgraduate
- Training.

Titles and levels of DE programmes:

Title	*Level*
1.Bachelor of Arts/Commerce	Undergraduate
2.Master of Arts/Commerce	Postgraduate
3.Bachelor of Education	First degree
4.Certificate/Diploma	Training.

Governance: A state leval distance education institution.

Objectives:
1. Economic development
2. National development
3. Compensatory nature
4. Equality of educational opportunity
5. Teacher Education and Training
6. Training of skilled manpower
7. Transition to conventional higher education institutions.

Sources of financial support of DE programmes: *Tuition Fees:*The student pays all tuition expenses by himself/herself: B.A./B.Com.: Rs.475 (US$16.50); Diploma: Rs.500 (US$17.50) M.A./M.Com.: RS.750 (US$26.00); Certificate: Rs.300 (US$10.5).
Budget: App. Rs. 1.5 crores for 1990.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Study materials and textbooks
The teaching force
Variety of courses offered
Library resources.
Decreased: None.
Stable: None.
Not applicable:
Local study centres
Broadcasting programmes
Audio-Visual Aids.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students:
Current number of students: App. 20,000.
Annual student intake: App. 13,000.

Number of students currently enrolled in each DE level:

Level	Number
1.Undergraduate	8,734
2.Postgraduate	5,885
3.Diploma/Certificate	760

Number of annual DE graduates: App.4,200.

Accumulative number of DE graduates: App. 120,000.
(60% of the total enrollment since 1969)

Components of personnel in DE:
All faculty members are full-time employees
Part-time teachers also participate.

Number of staff:
Full-time: 256 (Academic: 56 Non-academic: 200)
Part-time: Academic: 100 part-time teachers.

Number of Courses and programmes:
Number of courses offered: 266.
Number of programmes offered: 5.

Production of teaching materials/media: Teaching materials and media are produced by teachers appointed to the institute. The materials are prepared by individual teachers.

Regional/Study Centres: Centres not available.

Overall student Profile:

Age: Data not available.

Gender:

Sex:	(%)
Male	75.0
Female	25.0
Total:	100.0

Income:

Level:	(%)
Top	02.0
Middle	70.0
Bottom	28.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	40.0
Rural	60.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* All Indians.

Occupational distribution: Teachers 40%

Future development: Conversion of the Institute into a full open university status.

Major obstacles for implementing DE: Lack of academic, finance and administrative autonomy.

Affiliation with regional and international DE organizations: ICDE and all national organizations.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:

1. Bachelor's degree
2. Post-Graduate Diploma
3. Master's degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMMES*

Level: First degree.

Titles of degree programmes:
1. Bachelor of Commerce (B.Com.)
2. Bachelor of Education (B.Ed.)
3. Bachelor of Arts (B.A.).

Courses of instruction:
Commercial and management studies:
Accountancy/Bookkeeping
Business administration
Banking
Geography of Industrial Resources
Business Economics
Business Statistics
Income Tax
Cost Accounting
Auditing
Commercial Law and Marketing Management.
Humanities:
History
Philosophy
Languages and literature:
Languages: English, Kannada, Hindi,Sanskrit, Urdu, French, Malayalam, Tamil, Telugu.
Literature: English, Kannada, Hindi, Urdu (Optional for B.A)
Educational Studies:
Educational administration
Educational policy analysis and management
Educational psychology
Language, reading and communication
Mathematics education
Science education
Technology education
Moral education
Education in India
Socially useful productive work
Work with community
Physical Education
Co-curricular Activities.
Social Sciences:
Economics
Sociology
Political Science and Public Administration.

Length of course:	B.Ed: 14 months. B.A. and B.Com: Three academic years. *Total number of courses making up programmes:* B.A/B.Com.: 104 courses. B.Ed.: 15 courses.
Media and methods:	*Most dominant:* Printed correspondence texts (80%) Face-to-face direct teaching (20%). *Dominant:* Intensive Personal Contact Programme: B.Ed -- 16 weeks B.A./B.Com.-- one week . *Least dominant:* None.
Language of instruction:	English and Kannada.
Admission requirements:	**For B.Ed Programme:** 1. Completed Bachelor's or Master's degree 2. Be a citizen of the country 3. Be a current employee 4. For B.Ed. programme: Have teaching experience of three years at Secondary level or five year(s) at Primary or other levels. **For B.A/B.Com. Programme:** 1. Completed Pre-university/Pre-degree/12 years of schooling 2. Be a citizen of the country.
Number of students:	B.Ed.: App. 500. B.A/B.Com.: App.8,734.
Annual intake of DE students:	B.Ed.: App. 500. B.A/B.Com.: App.5,600.
Evaluation:	
Continuous assessment:	1. Written regular tests (2) 2. Practical assignments conducted during PCP.
Final assessment:	Written final examinations.
Educational and employment arrangements for graduates:	None. Most students are employees. They seek promotion on their own.

Profile of students in this level:

By Educational Background: Data not available.

By Employment: Data not available.

By types of career: Data not available.

By gender: Data not available.

Acceptance of certificate, diploma, and degree:

Accepted. Syllabus and scheme of examination is common to regular (non-distance) and correspondence students. Degree awarded by the university is recognized.

PROGRAMME II: *POSTGRADUATE DIPLOMA PROGRAMMES*

Level:	Certificate/Diploma.
Titles of degree programmes:	1. Postgraduate Diploma in English 2. Postgraduate Diploma in Business Taxation 3. Postgraduate Diploma in Marketing Management 4. Post-PUC Diploma in Kannada 5. Diploma in Journalism 6. Diploma in Sanskrit 7. Certificate in Kannada for Non-Kannada Speakers.
Courses of instruction:	*Languages and literature:* Languages: Kannada, Sanskrit Literature: English, Kannada, Sanskrit. *Communications:* Journalism.
Length of course:	One year. *Total number of courses making up programmes:* 34.
Media and methods:	*Most dominant:* Printed correspondence texts Face-to-face direct teaching. *Dominant:* Printed correspondence texts. *Least dominant:* None.
Languages of instruction:	1. **English** for Diploma in English, Business Taxation, Marketing Management; 2. **English or Kannada** for Diploma in Journalism; 3. **Kannada** for Diploma in Sanskrit 4. **English or Hindi or Urdu** for Certificate in Kannada.
Admission requirements:	1. Completed a certain level as required by individual programmes 2. Be a citizen of the country.
Number of students:	App. 760 students
Annual intake of DE students:	App. 760 students.

Evaluation: *Continuous assessment:*	1. Written regular tests (2), seminars, student response sheets at the rate of one for 3 units and assignments. 2. Workshop for Diploma in Journalism
Final assessment:	Written final examinations
Educational and employment arrangements for graduates:	Most students are employees. They seek promotion on their own.
Profile of students in this level:	*By Educational Background:* Data not available. *By Employment:* Data not available. *By types of career:* Data not available. *By gender:* Data not available.
Acceptance of certificate, diploma, and degree:	Accepted. Syllabus and scheme of examination is common to regular (non-distance) and correspondence students. Degree awarded by the university is recognized.

PROGRAMME III: *MASTER'S DEGREE PROGRAMMES*

Level:	Postgraduate.
Titles of degree programmes:	1. Master of Commerce 2. Bachelor of Arts.
Courses of instruction:	*Commercial and management studies:* Accountancy/Bookkeeping Business administration Finance Management Banking Personnel Industrial Relations Labour Legislation Industrial Psychology. *Humanities:* History: History of South India, Japan, Europe, East Asia, USA., (Papers for M.A in History). *Languages and literature:* *Linguistics* Languages: Kannada, Hindi Literature: English, Kannada, Hindi, Urdu (Optional for B.A) *Social Sciences:* Economics Government and Politics: One of the papers for M.A(Pol.Science) International Relations/Studies: One of the papers for M.A (PoliticalScience) Sociology Political Science.
Length of course:	Two years. *Total number of courses making up programmes: 113.*
Media and methods:	*Most dominant:* Printed correspondence texts Face-to-face direct teaching. *Dominant:* Intensive Personal Contact Programme: 12 days for each class (previous and final). *Least dominant:* None.

Language of instruction:	English.
Admission requirements:	1. Completed B.A./B.Sc./B.Com. 2. Meet the minimum required age of 25 years 3. Be a citizen of the country.
Number of students:	Current number of students: 9,697. Annual student intake: 5,885.
Evaluation:	
Continuous assessment:	1. Written regular tests 2. Tests and seminars during PCP.
Final assessment:	1. Written final examinations 2. Oral examinations.
Educational and employment arrangements for graduates:	Most students are employees. They seek promotion on their own.
Profile of students in this level:	*By Educational Background:* Data not available. *By Employment:* Data not available. *By types of career:* Data not available. *By gender:* Data not available.
Acceptance of certificate, diploma, and degree:	Accepted. The syllabus and scheme of examination is common to regular (non-distance) and correspondence students. Degree awarded by the university is recognized.

INSTITUTE OF CORRESPONDENCE COURSES AND CONTINUING EDUCATION
MADURAI KAMARAJ UNIVERSITY, MADURAI

INSTITUTIONAL DATA

Year of Establishment: 1971.

Name of Head: **Dr. K. M. Pathusha**
Position: *Director*
Address: Institute of Correspondence Course and Continuing Education
Madurai Kamaraj University
Palkalainagra, Madurai 625021, INDIA.
Telephone: **85495**
Telex: **445-308 MKU IN**

Nature of institution: Conventional institution with distance education programmes.

Educational levels provided for DE programmes:
Secondary for Adults
Pre-degree
Certificate/Diploma
Postgraduate
Training.

Titles and levels of DE programmes:

Title	*Level*
1. Introductory/Pre-Foundation/	Secondary/
Foundation Courses	Pre-degree.
2. Certificate programmes	Certificate
3. Diploma programmes	Diploma/
4. Postgraduate Programmes	P.G.Diploma
5. B.A.,B.Com.,B.Ed.,B.Sc.,B.Lit.	Undergraduate
6. M.Ed., M.A., M.Com.	Postgraduate.

Governance: A national non-distance university with a distance education institute.

Objectives:
1. Expansion of educational opportunity
2. Equality of educational opportunity
3. Teacher Education and Training
4. Training of skilled manpower
5. Cost-effectiveness.

Sources of financial support of DE programmes:

*Tuition Fees:*The student pays all tuition expenses by himself/herself:

Level	Tuition Fees (Rs./US$)
Undergraduate courses	650.00/22.50
Postgraduate courses	795.00/27.60
Open University courses:	
Ranging from	295.00/10.25
to	545.00/19.00
Certificate courses	695.00/24.15
Diploma courses	595.00/20.65
Postgraduate Diploma courses	695.00/24.15

Budget: Income: Rs.277.45 lakhs; Expenditure: Rs. 278.38 lakhs.

Trends of development of DE resources and activities:

Expanded:
Distance Education programmes
Local study centres
Study materials and textbooks
Variety of courses offered.
Decreased:
Teaching force
Face-to-face sessions.
Stable:
Broadcast programmes
Library resources.
Not applicable: None.

Trends of enrollment in DE Programmes: Stable.

Number of current DE students: 42,947 for 1990/91.

Annual intake of DE students: 24,321.

Number of students currently enrolled in each DE level:

Level	Number
1. Secondary/Pre-degree	3,758
2. Cert/Diploma	4,187
3. Postgraduate	5,328
4. Undergraduate	8,070
5. Training/post-degree	2,978.

Number of DE graduates:

Annual: App. 5,000 graduates.
Accumulative: App. 35,000 graduates.

Components of personnel in DE:

1. A mix of full-time and part-time staff members.
2. Faculty members share their work duties between a non-distance education departments and distance education departments.

Number of staff:
Full-time: 293 (Academic: 75; Non-academic: 218).
Part-time: 2.

Number of Courses and programmes: Number of courses offered: 79.
Number of programmes offered: 10.

Production of teaching materials/media: Teaching materials and media are produced by faculty and field experts. The materials are prepared based on the syllabus prescribed by the Board of Studies concerned and approved by the Academic Council along the following stages: (1) Preparation of lessons by full-time academic staff with the help of reference books; (2) These are edited by the heads of departments concerned; (3) After editing, they are sent for printing; (4) Proof are carefully corrected and then sent for printing; and (5) After correction, the study materials are certified as "fit" for dispatch.

Regional/Study Centres: Centres not available.

Overall student Profile: Data not available.

Ethnic and Occupational Composition of DE Students: *Ethnic:* Homogenous.

Occupational: Information not available.

Future development:
1. Starting more courses at undergraduate and postgraduate levels
2. Introduction of job-oriented course at Certificate, Diploma, Postgraduate diploma level.

Major obstacles for implementing distance education: High cost for printing course materials.

Affiliation with regional and international DE organizations: ICDE.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:
1. Certificate/Diploma
2. Bachelor's degree
3. Master's degree
4. Graduate/Postgraduate Diploma.

PROGRAMME I-IV: *ALL PROGRAMMES*

Level:
Secondary
Pre-degree
Diploma/Certificate
First Degree
Postgraduate.

Titles of DE programmes:
1. Introductory/Pre-Foundation Foundation Courses
2. Family and Child Welfare
3. Computers in Office Management
4. Library and Office Information Science
5. Labour Law
6. Administration Law
7. Taxation Law
8. Tourism
9. Management
10. Computer Applications
11. Personnel Management
12. Industrial Relations
13. B.A.,B.Com.,B.Ed.,B.Sc.,B.Lit.
14. M.Ed., M.A., M.Com.

Courses of instruction:
Commercial and Management Studies:
Accountancy/Bookkeeping
Administration
Business administration
Management
Office/Secretarial studies
Personnel
Industrial relations
Public administration.
Humanities:
Humanities.
Languages and Literature:
Languages: Tamil and English.
Literature: Tamil and English.
Educational Studies:
Educational administration, policy analysis and management
Open and distance learning.
Communications:
Journalism.

Social Sciences:
Economics
Government and Politics.
Services and Hospitality Science:
Library and information studies
Tourism.

Length of course: *Minimum number of study hours/week/course:* Data not available.
Total number of weeks/course: Data not available.
Total number of courses making up programmes: Data not available.

Media and methods: *Most dominant:*
Printed correspondence texts
Radio.
Dominant:
Face-to-face tutoring.
Least dominant:
Audio-cassettes
Audio-vision
Video-cassettes
Video tutoring
Video via satellite.

Language of instruction: English and Tamil.

Admission requirements:

1. Completed a certain level of education as required by each programme.
2. Meet the required minimum age level
3. Be a citizen of the country.

Number of students: Data not available.

Annual intake of DE students: Data not available.

Evaluation:
Continuous assessment: Written regular tests.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: None.

Profile of students in this level:	Data not available.
Acceptance of certificate, diploma, and degree:	Accepted as equal to those given by non-distance education institutions.

DEPARTMENT OF CORRESPONDENCE STUDIES
PANJAB UNIVERSITY, CHANDIGARH

INSTITUTIONAL DATA

Year of Establishment: 1971.

Name of Head: **Professor rAJ kHANNA**
Position: *Chairperson*
Address: Department of Correspondence Studies
Panjab University,
Chandigarh, INDIA
Telephone: **541143**

Nature of institution: Conventional university with a distance education department.

Educational levels provided for DE programmes:
Diploma
First degree
Postgraduate.

Titles and levels of DE programmes:

Title	*Level*
1. B.A., B.Com.	First degree
2. Diploma programmes	Diploma
3. M.A.	Postgraduate.

Governance: National establishment.

Objectives:
1. National development
2. Life-long recurrent education
3. Compensatory nature
4. Expansion of educational opportunity
5. Equality of educational opportunity
6. Cost-effectiveness
7. Training for specific groups

Sources of financial support of DE programmes: *Tuition Fees:* Students are required to pay a certain amount of US$24.2 for tuition fees. Some concessions are given to dependents of employees of University, Defence personnel, children of persons killed in terrorist violence in Panjab, blind students, brothers/sisters of senior students.
Budget: US$537,500 for 1991-92.

Trends of development of DE activities:

Expanded:
Financial provision
Distance Education programmes
Telecommunication equipment
Study materials and textbooks
Variety of courses offered
Audio-visual aids.
Decreased:
Local study centres
Teaching force
Face-to-face sessions.
Stable:
Broadcast programmes
Library resources.
Not applicable: None.

Trends of enrollment in DE Programmes: Stable.

Number of current DE students: 6.598.

Number of annual intake of DE students: Data not available.

Number of students currently enrolled in each DE level:

Level	Number
1. Undergraduate	4,131
2. Postgraduate	2,318
3. Diploma courses	149

Number of annual DE graduates: Number not available, but about 30% at an average.

Accumulative number of DE graduates: App. 30,855 (1981-91).

Components of personnel in DE:

1. All faculty and administrative staff members are full-time employees.
2. Some outside teachers are engaged during Personal Contact Programmes on payment of honorarium.

Number of Full-time staff: 281 (Academic 81, Non-academic 200).

Number of Part-time staff: None.

Number of Courses and programmes: Courses: 23.
Programmes: 6.

Production of teaching materials/media: Teaching materials and media are produced mostly by the core faculty of the institution. A course is divided into different topics. Each topic is assigned to its subject expert for the preparation of manuscript of the lecture. After the preparation of manuscript, the production of lessons is done through press.

Regional/Study Centres: 6 centres available. One at Chandigarh and 5 at Jalandhar, Ludhiana, Ambala, Delhi, and Madras. These study centers are run by the institutions/colleges where the centres have been set up. The source of financial supports is from the University. Major functions of the centres are providing books to the students and adequate space for self-study.

Overall student Profile:

Age: Data not available.

Gender:

Sex:	(%)
Male	64.0
Female	36.0
Total:	100.0

Income: Data not available.

Geographical distribution: Data not available.

Occupational and Ethnic Composition of DE students: *Ethnic Composition:* Data not available.

Occupational distribution: Employed 93%; Unemployed 7%.

Future development: Possible distance education development in the next 5-10 years is to strengthen the use of electronic gadgets in DE such as production of Audio-Visual lessons, usage of computer for efficiency in the production of reading materials.

Major obstacles for implementing distance education:	The tradition bound on-campus votaries of formal education still consider it to be a sub-standard, second-best system; (2) Paucity of funds for expansion; and (3) University bodies stiff attitude to non-traditional multi-discipline courses.
Affiliation with regional and international DE organizations:	ICDE NCDE.
PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:	List of Programmes: 1. Diploma 2. First degree 3. Postgraduate.

PROGRAMME I-IV: *ALL PROGRAMMES*

Level:

1. Diploma
2. First degree
3. Postgraduate.

Courses of instruction:

Commercial and management studies:
Accountancy/Bookkeeping
Administration
Business administration
Finance
Management
Banking
Real Estate
Marketing
Office/Secretarial studies
Personnel
Industrial relations
Public administration (also at Post-graduate level)
Humanities:
Contemporary and cultural studies
History (also at Post-graduate level)
Humanities
Philosophy
Psychology.
Languages and literature:
Languages: Hindi, English and Panjabi (Both at Undergraduate and Postgraduate levels)
Sanskrit.
Mathematics:
Mathematical sciences
Statistics.
(At undergraduate and diploma levels).
Social Sciences:
Economics (Also at Postgraduate level)
Geography: National Regional, World History.
Government and Politics
Social Studies/Civics
Social Work
Sociology
Political Sciences (also at Postgraduate level).

Length of course: *Minimum number of study hours/week/course:* Not computed.
Total number of weeks/course: Not computed.
Total number of courses making up programmes: 4-5 courses.

Media and methods: *Most dominant:*
Printed correspondence texts.
Dominant:
Radio
Face-to-face counselling
Study centres.
Least dominant:
Audio-cassettes.

Languages of instruction: Undergraduate: Hindi, English, and Panjabi; Postgraduate: English; Diploma courses: English.

Admission requirements:
1. Completed schooling at 10+2 level for Undergraduate Level; Graduation with appropriate subjects for Postgraduate Level.
2. Be a citizen of the country;
3. Be a current employee (For Diploma course in Office Organization and Procedure);
4. Have some work experience.

Number of students: Undergraduate: 4,131; Postgraduate: 2,318; Diploma: 149.

Annual intake of DE students: Varied from year to year.

Evaluation:
Continuous: Written assignments for submission.

Final: Written final examinations.

Educational and employment arrangements: None.

Profile of students in this level:

By Educational Background:	(%)
First degree:	64.0
Higher degree:	36.0
Total:	100.00

By Employment:	(%)
Employed:	94.0
Unemployed:	06.0
Total:	100.00

By types of career: Data not available.

By gender:	(%)
Male:	65.7
Female:	34.3
Total:	100.00

Acceptance of certificates, diplomas, and degrees: Accepted as equal to those given by non-distance education institutions.

DIRECTORATE OF DISTANCE EDUCATION
UNIVERSITY OF BOMBAY

INSTITUTIONAL DATA

Year of Establishment: 1971.

Name of Head: **Dr. B.P Lulla**
Position: *Director*, Directorate of Distance Education
Address: University of Bombay
Fort Campus, Bombay 400032, INDIA.
Telephone: **276272, 273623**

Nature of institution: Conventional university with distance education directorate.

Educational levels provided for DE programmes:
First degree
Postgraduate degrees
Management Training Diplomas.

Titles and levels of DE programmes:

Title	*Level*
1. B.A., B.Com.	Undergraduate
2. M.A., M.Com., M.Ed. M.Sc., M.A.(Math)	Postgraduate
3. Diploma programmes in Financial Management and in Operational Research Management	Postgraduate

Governance: Governed by the University of Bombay, Bombay

Objectives:

1. Expansion of educational opportunity
2. Equality of educational opportunity
3. Political and economic ideology
4. Promotion of democracy
5. Transition to conventional higher education institutions
6. Teacher Education and Training
7. National development.

Sources of financial support of DE programmes: *Tuition Fees:* (1) All tuition fees paid by the employer/sponsor; or (2) The student pays all tuition expenses or required to pay a certain amount of tuition fees. (Undergraduate: Rs.650; Postgraduate: Rs.850; Diploma: Rs.1,200, M.Ed.: Rs.2,500).
Budget: Rs.7,843,100.00 for 1991-92.

Trends of development of DE resources and activities:	*Expanded:* Financial provision Distance Education programmes Local study centres Study materials and textbooks Teaching force Variety of courses offered Face-to-face sessions Library resources Computers. *Decreased:* None. *Stable:* None. *Not applicable:* None.
Trends of enrollment in DE Programmes:	Increasing.
Number of DE students:	Current: App. 20,000. Annual intake: App. 9,000.
Number of students currently enrolled in each DE level:	1. Bachelor's degree 6,971 2. Master's degree 8,010 3. Diploma 382
Number of DE graduates:	Annually: App. 6,500 graduates in 1990/91. Accumulative: App. 80,000 graduates.
Components of personnel in DE:	Faculty members share their work duties between a non-distance education department and distance education department.
Full-time staff:	Academic: 60.
Part-time staff:	Academic: 50. (Honorary Part-time staff)
Number of Courses and programmes:	Number of courses offered: approx. 100 at different levels. Number of programmes offered: 12.
Production of teaching materials/media:	Teaching materials and media are produced by college instructors in the form of text books. The production stages are (1) Planning, (2) Writing, (3) Editing, (4) Printing, and (5) Distributing.
Regional/Study Centres:	5 study centres are available. These centers are run by Principals of the Colleges with financial supports from DDE funds. Major functions are to provide tutorial sessions and counselling services.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	85.0
Between 21-30	10.0
Between 31-40	05.0
Total:	100.0

Gender:

Sex:	(%)
Male	50.0
Female	50.0
Total:	100.0

Income:

Level:	(%)
Top	10.0
Middle	75.0
Bottom	15.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	95.0
Rural	05.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* 100% Indians. *Occupational distribution:* Housewives 10%; Clerical and administrative cadre 60%; and Fresh students 30%.

Future development: Planning to start some short-term non-formal courses.

Major obstacles for implementing distance education: (1)Lack of course writers in various subject; (2)Need for full-time staff; (3)Lack of space for contact lectures; (4) Inadequate library facilities; (5) Lack of AV facilities; and (6) Insufficient supervisors for response sheets.

Affiliation with regional and international DE organizations:

AAOU
ICDE
AIU
COL.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:

1. Master's degree
2. Bachelor's degree*
3. Diploma.

* Survey data not available.

PROGRAMME I: *MASTER'S DEGREE AND DIPLOMA PROGRAMMES*

Level: Postgraduate.

Titles of Programmes:

1. Master of Arts.
2. Master of Arts (Math)
3. Master of Commerce
4. Master of Science (Math)
5. Diploma in Financial Management.
6. Diploma in Operational Research
7. Master of Education

Courses of instruction:

Commercial and Management Studies:
Accountancy/Bookkeeping
Administration
Business administration
Finance
Management
Banking
Financial management
Marketing
Operational research
Office/Secretarial studies
Personnel
Industrial relations
Public administration.
Humanities:
Contemporary and cultural studies
History
Humanities
Philosophy
Psychology.
Languages and Literature:
Languages.
Mathematics:
Mathematical sciences
Statistics.
Social Sciences:
Economics
Government and Politics
Social Studies/Civics
Sociology
Education.

Length of course: One term.

Media and methods: *Most dominant*: Printed correspondence texts
Tutorial via mailing
Face-to-face counselling
Personal Contract Programme
Study centres.
Dominant:
Face-to-face tutoring.
Least dominant: All the rest.

Languages of instruction: English, Hindi and Marathi.

Admission requirements: (1) Completed 12th Grade; (2) Meet the required minimum age of 18 years; (3) Be a citizen of the country; (4) Have some work experience of 2 years (only for Diploma in Financial Management and Diploma in Operational Research Management).

Number of students: Current number of students: approx. 20,000
Annual student intake: App. 9,000.

Evaluation:
Continuous:
1. Written assignments for submission
2. Attendance at the local study centre
3. Constant contact with principal advisor/tutor.

Final: Written final examinations.

Educational and employment arrangements for graduates: No regular placement service is available. They are encouraged and assisted through recommendation letters for higher studies and the employment bureau of the University of Bombay.

Profile of students in this level:

By Educational Background:	(%)
First degree:	50.0
Higher degree:	50.0
Total:	100.00

By Employment:	(%)
Public-Full-time:	10.0
Private-Full-time:	10.0
Part-time:	30.0
Unemployed:	40.0
Others:	10.0
Total:	100.00

By types of career:	(%)
Housewives:	10.0
Others:	90.0
Total:	100.00

By gender:	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Accepted as equal to those given by non-distance education institutions.

INSTITUTE OF CORRESPONDENCE COURSES
BARKTULLAH UNIVERSITY, BHOPAL (M.P)

INSTITUTIONAL DATA

Year of Establishment: 1975/76.

Name of Head: **Dr. M.R. Joshi**
Position: *Professor (English) and Director, ICC*
Address: Institute of Correspondence Courses
Barktullah University
Bhopal, M.P. INDIA
Telephone: **547291**

Nature of institution: Conventional university with distance education institute.

Educational levels provided for DE programmes: Undergraduate/First degree.

Titles and levels of DE programmes:

1. Bachelor of Arts	Undergraduate
2. Bachelor of Commerce	Undergraduate
3. Bachelor of Education	Undergraduate.

Governance: A national institution.

Objectives:

1. Life-long recurrent education
2. Compensatory nature
3. Expansion and Equality of educational opportunity
4. Personal development
5. Individual vocational development
6. Teacher training.

Sources of financial support of DE programmes: *Tuition Fees:* (1) All tuition fees paid by the employer/sponsor; or (2) The student pays all tuition expenses or required to pay a certain amount of tuition fees: Undergraduate Rs.800(US$40.0)

Budget: (For 1990) App. DE budget: Income Rs.6,366,600; Expenditure: Rs.4,406,000.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Local study centres
Study materials and textbooks
The teaching force
Face-to-face sessions.
Decreased: None.
Stable: None.
Not applicable: None.

Trends of enrollment in DE Programmes:

Increasing.

Number of DE students:

Currently: App.10,000 students.
Annual intake: Data not available.

Number of students currently enrolled in each DE level:

Level	Number
1. B.A. 1, 2, 3	1,000
2. B.Com 1,2,3	1,000
3. B.Ed,	8,000

Number of DE graduates:

Annually: App. 10,000 graduates.
Accumulative: App. 50,000 graduates.

Components of personnel in DE:

1.A mix of full-time and part-time staff members.
2.Faculty members share their work duties between a non-distance education department and distance education department.

Number of staff:

Full-time: Total: 7.
Part-time: Total: 10.

Number of Courses and programmes:

Number of courses offered: 130.
Number of programmes offered: 3 (B.A./B.Com./B.Ed.).

Production of teaching materials/media:

Teaching materials and media are produced by instructional and external college and university instructors. They are prepared in the essay type based on the objectives through the descriptive, critical and analytical approach according to the following production steps: (1) Selection and nomination of teachers, (2) provision of reference materials, (3) writing lessons, (4) Preview of lessons, (5) Printing, (6) Dispatching, (7) Evaluation of Response Sheets, and (8) Guidance.

Regional/Study Centres:

Available. Number of Centers: 10. The centres are run by Heads of the colleges. The sources of financial supports are from the Institute. Major functions of the centres are providing contact programme, counselling services; library resources, and examinations.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	10.0
Between 21-30	20.0
Between 31-40	50.0
Between 41-50	10.0
Between 51-60	10.0
Over 61	-
Total:	100.0

Gender:

Sex:	*(%)*
Male	70.0
Female	30.0
Total:	100.0

Income: Data not available.

Geographical distribution:

Areas:	(%)
Urban	40.0
Rural	60.0
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition*: 100% Indians.
Occupational distribution: Mostly office workers.

Future development: Five new courses including two-job oriented are being launched.

Major obstacles for implementing distance education: (1) General education people take DE as second method of instruction; (2) Sometimes people, not interested with DE system, run out of ambition and seek employment; (3) Non-cooperation of the university system for extending autonomy to the Institute; and (4) Sometimes, income is diverted towards the university revenue.

Affiliation with regional and international DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:
1. Pre-degree.

PROGRAMME I: *PRE-DEGREE PROGRAMMES*

Level:	Pre-degree.
Courses of instruction:	*Commercial and Management Studies:* Accountancy/Bookkeeping Banking Industrial relations. *Humanities:* History: World History. *Languages and Literature:* Languages: English, Hindi. *Educational Studies:* Educational psychology Language, reading and communication Educational testing and evaluation. *Social Sciences:* Economics Social Studies/Civics Sociology.
Length of course:	*Minimum study hours/week/course:* Data not available. *Total number of weeks/course:* Data not available. *Total number of courses making up programmes:* Data not available.
Media and methods:	*Most dominant:* Printed correspondence texts Face-to-face tutoring Face-to-face counselling. *Dominant:* Study centres Telephone instruction. *Least dominant:* Radio Counselling by telephone.
Languages of instruction:	English and/or Hindi.
Admission requirements:	Completed Intermediate or XII class Bachelor's degree.
Number of students:	Current: 9,000. Annual Intake: 10,000.

Evaluation: *Continuous assessment:*

1. Written assignments for submission
2. Attendance of regular workshops/seminars
3. Constant contact with principal advisor/tutor.

Final assessment:

1. Written final examinations
2. Oral final examinations.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background:	(%)
Primary:	-
Secondary/High school:	70.0
First degree:	30.0
Higher degree:	-
Total:	100.00

By Employment:	(%)
Public-Full-time:	10.0
Private-Full-time:	10.0
Part-time:	30.0
Others:	50.0
Total:	100.00

By types of career:	(%)
In-service trainees:	15.0
Housewives:	05.0
Retired:	-
Others:	80.0
Total:	100.00

By gender:	(%)
Male:	50.0
Female:	50.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Accepted as comparable to those given by non-distance education institutions.

CENTRE FOR DISTANCE EDUCATION
OSMANIA UNIVERSITY, HYDERABAD

INSTITUTIONAL DATA

Year of Establishment: 1977.

Name of Head: **Professor M. Raja Reddy**
Position: *Director, CDE*
Address: Centre for Distance Education
Osmania University,
Hyderabad, Andhra Pradesh 500007; INDIA
Telephone: **868350.**

Nature of institution: Conventional university with distance education centre.

Educational levels provided for DE programmes:
Certificate/Diploma
First degree
Postgraduate
Professional: Bachelor of Education; Master of Education.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor's degree	Undergraduate
2. Master's degree	Postgraduate
3. Postgraduate diploma	Postgraduate
4. Bachelor's Degree in Education	Postgraduate
5. Master's Degree in Education	Postgraduate

Governance: A self-financed DE institution of a conventional university.

Objectives:
1. Compensatory nature
2. Equality of educational opportunity
3. Teacher Education and Training
4. Training of skilled manpower
5. Cost-effectiveness.

Sources of financial support of DE programmes:
Tuition Fees:
The student pays all tuition expenses or required to pay a certain amount of tuition fees:(Per year) Undergraduate Rs.400; Postgraduate Rs.1,000; Diploma Rs.600; B.Ed Rs.1,630; M.Ed. 1,755.
Budget: (For 1990) App. DE budget of Rs.6,000,000.

Trends of development of DE resources and activities:
Expanded:
Financial provision
Distance education programmes
Telecommunication equipment
Study materials and textbooks
Variety of courses offered
Face-to-face sessions.
Decreased: None.
Stable: None.
Not applicable: None.

Trends of enrollment in DE Programmes: Ever increasing.

Number of DE students:
Current (1991): 15,000.
Annual intake (1990/91): 9,222.

Number of students in each DE level:

Level	Number
1. Bachelor's degree	1,710
2. Master's degree	4,477
3. Graduate Diploma	104
4. Bachelor's Degree in Education	1,000
5. Master's Degree in Education	100

Number of DE graduates:
1990: 1,460.
Accumulative: App. 3,705 (1980-1990).

Components of personnel in DE: All faculty members are part-time.

Number of Staff:
Full-time: None.
Part-time: 200 (Academic 200; Non-academic 50)

Number of Courses and programmes:
Number of courses offered: 11.
Number of programmes offered: 2.

Production of teaching materials/media: Teaching materials and media are produced by experienced teachers drawn from the respective department. As per the syllabus, the teachers prepare the lesson and the same is edited by a senior teacher and later send it for printing. vPreviously, the study materials are "cyclo-styled". Now it is being printed and it useful for 2-3 years.

Regional/Study Centres: Not available.

Overall student Profile: Data not available.

Ethnic and Occupation composition of DE Students: *Ethnic:* Data not available.
Occupational: Information not available.

Future development: Planning to offer M.A (English), Diploma in Business Management, and Library Science courses.

Major obstacles for implementing DE programmes: (1) Preparation of study materials, (2) Dependency on the formal system for the conduct of examinations and appointment of staff; and (3) Lack of financial autonomy.

Affiliation with regional and international DE organizations: NCDE.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:

1. First degree
2. Postgraduate degree.

PROGRAMME I&II: *BACHELOR'S AND MASTER'S DEGREE PROGRAMMES*

Level: Undergraduate and postgraduate.

Titles:
1. Bachelor of Arts
2. Bachelor of Commerce
3. Master of Arts (Math)
4. Master of Science
5. Master of Commerce
6. Graduate Diploma in Mathematics.

Courses of instruction:

Public administration
Sociology
Economics
History
Political Science.

Accounts
Statistics
Business Economics
Currency and Banking
Advance Accounts
Indian Industrial Relations
Commercial and Industrial Law
Company Law
Costing and Taxation.

Public Personnel Management
Hindi
Telugu
Philosophy.

Mathematics.

Accounting Management
Managerial Economics
Marketing Management
Human Resource Management
Personnel Management
Costing
Taxation
Marketing.

Length of course:	Bachelor's degree: 3 years Master's degree: 2 years Postgraduate Diploma: 1 year.
Media and methods:	*Most dominant:* Printed correspondence texts Face-to-face counselling Weekend schools Short duration of schooling (20 days per year). *Dominant:* None *Least dominant:* None
Language of instruction:	English and Telugu.
Admission requirements:	Not applicable.
Number of students:	Number of current students: (1990) 5,960. Annual intake of DE students: Data not available.
Evaluation: *Continuous assessment:*	No continuous assessment.
Final assessment:	Written final examinations.
Profile of students in this level:	Data not available.
Acceptance of certificate, diploma, and degrees:	Accepted as equal to those given by non-distance education institutions.

DIRECTORATE OF DISTANCE EDUCATION
ANNAMALAI UNIVERSITY, TAMIL NADU

INSTITUTIONAL DATA

Year of Establishment: 1979.

Name of Head: **Dr. K. Ayyakkannu**
Position: *Director, DDE*
Address: Directorate of Distance Education
Annamalai University
Annamalai Nagar Pin 608002, INDIA.
Telephone: **(4144)-2610**
Telex: 25 (04602) 202.

Nature of institution: Conventional university with distance education directorate.

Educational levels provided for DE programmes:

1. Pre-degree
2. First degree
   Academic: B.A/B.Sc/B.Com/B.L.I.S/B.B.A/B.B.L/B.G.L/B.Lit.
   Professional: B.Ed.
3. Postgraduate
   Academic: M.A/M.Sc/M.Com.
   Professional: M.Ed/M.Lis/M.L.I.S/M.L.
4. Certificate/Diploma (Job-oriented): Postgraduate Diploma
   Diploma/Certificate.

Titles and levels of DE programmes:

1. Foundation course	Pre-degree
2. Bachelor's degree	First degree
3. Master's degree	Postgraduate
4. Professional	Second degree
5. Postgraduate diploma	Postgraduate/job-oriented
6. Diploma	Job-oriented.
7. Certificate	Job-oriented.

Governance: A national institution.

Objectives:

1. Teacher Education and Training
2. Transition to conventional higher education institutions
3. Compensatory nature
4. Equality of educational opportunity
5. Training of skilled manpower

Sources of financial support of DE programmes:

6. Expansion of educational opportunity
7. Life-long recurrent education
8. Personal development.

Tuition Fees: (1) The student pays all tuition expenses or required to pay a certain amount of tuition fees ranging from US$18.00 to 230.00; (2) Scheduled caste/tribe candidates are given free education as per government order.
Budget: (For 1992) US$4,000,000.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Local study centres
Study materials and textbooks
The teaching force
Variety of courses offered
Audio-Visual Aids
Face-to-face sessions
Library resources.
Decreased: None.
Stable: None.
Not applicable:
Telecommunication equipment
Broadcasting programmes.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students:
Current: (1992) 117,850.
Annual intake: 74.735.

Number of students in each DE level:

Level	Number
1. Pre-degree	510
2. First degree	22,405
3. Postgraduate (Arts & Sciences)	45,413
4. Professional (Bachelor/Master)	38,213
5. Job-oriented (PG Dip/Dip)	11,290
6. Others	19

Number of DE graduates:
Annual: 16,543.
Accumulative: 132,336.

Components of personnel in DE: All faculty members are full-time employees.

Number of Staff:
Full-time: 311 (Academic 88; Non-academic 233).
Part-time: 152 (Academic 118; Non-Academic 34).

Number of Courses and programmes: Number of courses offered: 66.
Number of programmes offered: 7.

Production of teaching materials/media: Teaching materials and media are produced by teachers of respective departments and those from other universities. Materials are produced into 20 lesson units. Each of the 10 units contains Response Sheets.

Regional/Study Centres: 9 centres are available. The centres are operated by teachers deputed from the Directorate with the financial support from the University financial allocations. Major functions are providing tutorial sessions; counselling services, liaison, and admission.

Overall student Profile: Data not available.

Ethnic and Occupational Composition of DE Students: *Ethnic Composition:* Data not available.
*Occupational distribution:*Data not available.

Future development: Plans to start programmes at Certificate and Diploma levels in the fields of Agriculture, Engineering, and Technology.

Major obstacles for implementing DE programmes: Availability of suitable accommodation to conduct programmes at various centres throughout the country.

Affiliation with DE organizations: None.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:*

1. Foundation course
2. Bachelor's degree
3. Master's degree
4. Professional
5. Postgraduate diploma
6. Diploma
7. Certificate.

*Survey data from individual programmes are not available.

PROGRAMME I-VI: *ALL PROGRAMMES*

Level: All levels.

Courses of instruction:
Architecture and Planning
Construction management
Concrete technology and design of concrete structure
Environmental engineering and management
Irrigation and water management.
Commercial and Management Studies:
Tourism management
Management accounting
Office management
Commerce
Cooperative management
Business administration
Finance
Banking
Marketing
Personnel
Materials
Production
Industrial relations
Public administration.
Humanities:
History
Psychology
Polical science.
Languages and Literature:
Literature: Tamil,English.
Educational Studies:
Educational technology
Secondary education
Pre-primary education.
Communications:
Advertising
Public relations.
Creative Arts:
Printing
Binding and finishing.
Physical Science:
Chemistry
Physics.
Biological Science and Technology:

Botany
Zoology.
Engineering and technology:
Production management
Materials management
Chemical process, instrumentation and control
Maintenance engineering
Automobile technology
Sugar technology
Fertilizer technology
Safety in chemical industries
Industrial pollution control.
Mathematics:
Computing
Computer science.
Law:
Academic laws
General laws
Company laws with banking law and practice
Labour laws with administrative law
Laws of taxation
Management laws
Criminology and administration of criminal justice
Insurance laws.
Social Sciences:
Economics
Sociology.
Services and Hospitality Science:
Library and information studies
Tourism.

Length of course: *Number of weeks per programme:*
40 weeks for one year courses
90 weeks for two year courses
140 weeks for three year courses
Total number of courses making up programmes: Data not available.

Programmes	Courses
1. Foundation course	2
2. Bachelor's degree	9
3. Master's degree	12
4. Professional	8
5. Postgraduate diploma	18
6. Diploma	13
7. Certificate	4

Media and methods: *Most dominant:*
Printed correspondence texts
Audio-cassettes

Audio-vision (Science courses only)
Face-to-face tutoring
Tutoring via mail
Face-to-face counselling
Counselling
Practical work (for science, technology, and cooperative management courses)
Study centres.
Dominant: None.
Least dominant: None.

Languages of instruction: English. Instruction in the Tamil language for educational studies and some humanities subjects at the undergraduate as well as the postgraduate level and the certificate courses.

Admission requirements:

1. For Bachelor's degree for postgraduate courses
2. Higher Secondary certificate or Foundation courses for undergraduate courses
3. High school graduate for Foundation courses
4. Technical school deploma/degree for Diploma courses
5. Degree for Postgraduate Diploma courses.
6. Age is the criterion for admission to courses under the Open University System.

Number of students: Number of current students: Data not available.
Annual intake of DE students: Data not available.

Evaluation:
Continuous assessment:

1. Written assignments for submission
2. Compulsory contact programmes
3. Practical work.

Final assessment:

1. Written final examinations
2. Practical examinations.

Profile of students in this level: Data not available.

Acceptance of certificate, diploma, and degree: Accepted as comparable to those given by non-distance education institutions.

NALANDA OPEN UNIVERSITY

INSTITUTIONAL DATA

Year of Establishment: 1987.

Name of Head: **Dr. Kumar Bimal**
Position: *Vice-Chancellor*
Address: 136 A/D, Srikrishna Puri
Patna, Bihar 800001, INDIA.
Telephone: 234330 (O) 52944 (R)
Telex: 22-268 PCO IN
Fax: 0091-612-223018.

Nature of institution: Distance teaching only.

Educational levels provided for DE programmes:
Certificate/Diploma/Degree level
First degree
Postgraduate (Graduate Diploma)
Training.

Titles and levels of DE programmes:

Title	*Level*
1. Certificate in Food and Nutrition	Certificate.
*2. Bachelor's degree -Library and Information Science; -Journalism and Mass Communication) -Education	First degree
*3. Postgraduate Diploma -Public Relations.	Postgraduate.

*To be offered. Up to 1991 only Certificate programme in Food and Nutrition is being offered.

Governance: A state level institution.

Objectives:
1. Individual vocational development
2. Training of skilled manpower
3. Personal development.

Sources of financial support of DE programmes: *Tuition Fees:* The student is required to pay a certain amount of tuition fees coursewise, e.g. about Rs.215.00 or US$15.00.
Budget: (For 1990) App. Rs.1,175,000 (US$82,000)

Trends of development of DE resources and activities: *Expanded:* Variety of courses to be offered
Local study centres.
Decreased: None.
Stable: Financial provision.
*Not applicable:*None.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students: Current: 200.
Annual intake: 200.

Number of students in each DE level: Certificate Course in Food and Nutrition: 200.

Number of DE graduates: Annual: First group of students have just started their study.
Accumulative: Not applicable.

Components of personnel in DE: Faculty members share work duties between themselves and those from a non-distance education institutions.

Number of Staff: Full-time: 21 (Academic 7; Non-academic 14)
Part-time: 20 (Academic 8; Non-academic 12)

Number of Courses and programmes: Number of courses offered: 5.
Number of programmes offered: 1.

Production of teaching materials/media: Presently, teaching materials and media are adopted from those of Indira Gandhi National Open University.

Regional/Study Centres: To be available. The idea is to set up study centres at the Commissioners' headquarters in the first phase. In the second phase, study centres will be set up at the headquarters of the 17 old districts of the State. In the last phase, such study centres are contemplated to be set up at the headquarters of the newly created districts of the State. The centres will be operated by Nalanda Open University with the financial support from (1) Grant from the state government, (2) Internal resources of the University, (3) Fees/tuition, and (4) Grant from the Indira Gandhi National Open University, New Delhi. Major functions of the centres are: arranging contact classes and camps, maintaining grades of students, tutoring, counselling, holding of examinations under the administrative control of the NOU.

Overall student Profile:

Data not available.

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: All Indians.
Occupational distribution: Housewives; employed persons; educated unemployed persons, and inhabitants of far-flung rural areas.

Future development:

In the first phase, highest priority assigned to professional/job-oriented courses to alleviate the problems of educated unemployment. At a later stage, foundation courses in different faculties and research courses will be started.

Major obstacles for implementing DE programmes:

Major bottleneck has been financial. While the volume of resource has remained inelastic since 1987, the expenses have gone up with the rate of inflation and upward trend in the price indices. Permanent university campus has to be set up and faculties to be appointed. In spite of such constraints, the NOU has been forging ahead in the following directions: (1) One-All-Indian National Symposium was organized in January 1990 on the Basic Tenets of Open University System; (2) In March 1990, a workshop was arranged for interaction between the University and the Counsellors/Coordinators of its proposed Study Centres, (3) Rapport has been established with Open University institutions of India and abroad, (4) The NOU has also been accorded Full Membership status by the AAOU in Bangkok, (5) A Certificate Course on Food and Nutrition has already been launched. Several other degree/postgraduate courses--such as First Year Degree Course on Library and Information Science; Postgraduate Diploma Course in Public Relations/Journalism and Mass Communication; B.Ed. course etc. are in the pipeline and will be launched soon, and (6) In the first phase, the emphasis is laid upon the introduction of job-oriented professional courses. In the second phase, the foundation courses will be launched, while research programmes will be started in the last phase of the expansion scheme of the NOU.

Affiliation with regional and international DE organizations:

AAOU.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. Certificate course in Food and Nutrition.

Instructional methods mainly include print media, electronic media and telecommunication media.

Evaluation methods mainly include SAA (self-assessment assignments), TMA (tutor marked assignments: 30% of the total marks) and TEE (term end examinations having 70% weightage of the total marks).

*Survey data not available as the NOU has just started this programme.

YASHWANTRAO CHAVAN MAHARASHTRA OPEN UNIVERSITY

INSTITUTIONAL DATA

Year of Establishment: July 1, 1989

Name of Head: **Dr. Ram Takwale**
Position: *Vice-Chancellor*
Address: Yashwantrao Chavan Maharashtra Open university
Kulkarni Bagh, College Road
Nasik, 422005, INDIA.
Telephone: 77244
Fax: 091-(0253) 77244.

Nature of institution: Distance teaching only.

Educational levels provided for DE programmes:
Pre-degree
Certificate/Diploma
First degree
Training
Continuing education.

Titles and levels of DE programmes:

Title	*Level*
1.Preparatory	Pre-degree
2.Bachelor's degree	First degree
3.Certificate	Certificate
4.In-service training programme	Training.

Governance: A national institution established by the Maharashtra State Government Act XX of 1989.

Objectives:

1. National development
2. Life-long recurrent education
3. Equality of educational opportunity
4. Expansion of educational opportunity
5. Economic development
6. Personal development
7. Individual vocational development
8. Teacher Education and Training
9. Preservation of trained manpower
10. Cost-effectiveness
11. Political and economic ideology

12. Promotion of democracy

Sources of financial support of DE programmes: *Tuition Fees:* The student pays all tuition expenses or required to pay a certain amount of tuition fees: Preparatory Rs. 300.00; Bachelor's degree: Rs.600-800; Agriculture training: Rs.750; In-service training: Rs.375.

Budget: (For 1990) Rs.26,670,000 US$1,333,500).

Trends of development of DE resources and activities:
Expanded: All categories:
Financial provision
Distance education programmes
Local study centres
Telecommunication equipment
Study materials and textbooks
The teaching force
Variety of courses offered
Broadcasting programmes
Broadcasting programmes
Face-to-face sessions
Library resources.
Decreased: None.
Stable: None.
*Not applicable:*None.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students:
Current: 9,300 in all programmes (1990).
Annual intake: 5,190 (For First and Second year B.A., B.Com. and In-service training programmes).

Number of students in each DE level:

Level	Number (as of 1990)
1. B.A	3,875
2. B.Com.	942
3. Agriculture	20
4. In-service	261

Number of DE graduates:
Each year: First group of students have not completed their study.
Accumulative: Not applicable.

Components of personnel in DE:
1.All faculty members are full-time employees.
2.A mix of full-time and part-time staff members.

Number of Staff:
Full-time: Total:153 (Academic:30; Non-academic:123)
Part-time: None.

Number of Courses and programmes: Number of courses offered: 29.
Number of programmes offered: 4.

Production of teaching materials/media: Teaching materials and media are produced by experts in subjects, field-workers/experts. The use of Course Team approach--through meetings, expert writers, workshops, editing, etc. The production stages for print media are (1)Programme identification, (2) Curriculum development, (3)Writing Text, (4)Editing, (5) Printing, (6) Distribution. For AV media, (1) Identification of topic, (2) Writing script, (3)Shooting and Editing, and (4) Distribution.

Regional/Study Centres:

Number: 52 centres available.

Operator: The YCMOU through Principals/Senior members of concerned institutes.

Source of financial supports: The sources of financial supports are from State Government Grants.

Major functions: Major functions of the centres are (1) recommending names of counsellors and the study centre personnel; (2) Organizing contact sessions, (3) Conducting counselling sessions, and (4) Conducting continuous assessment.

Overall student Profile:

Age:

Years:	*Proportion* (%)
Under 21	51.0
Between 21-30	36.0
Between 31-40	08.0
Between 41-50	04.0
Between 51-60	02.0
Over 61	-
Total:	100.0

Gender:

Sex:	(%)
Male	78.0
Female	22.0
Total:	100.0

Income: *Level:* Data not available.

Geographical distribution:

Areas:	(%)
Urban	72.0
Rural	28.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:	*Ethnic Composition:* Data not available. *Occupational distribution:*Data not available.
Future development:	(1) Research and development instructional technologies in open and distance education system in YCMOU, (2) Offering Certificate, Diploma, and Degree programmes in Engineering and Technology, Agriculture, Women's Education, Management etc.
Major obstacles for implementing DE programmes:	(1) Identification of needs of target groups, (2) Availability of resource persons in DE, (3) Dependability on outside expertise and institutions for development, distribution of instructional materials.
Affiliation with regional and international DE organizations:	COL, AAOU, AIU, IGNOU, UGC.
PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:	List of Programmes: 1.Preparatory 2.Bachelor's degree 3.Training.

PROGRAMME I: *PREPARATORY PROGRAMME*

Level: Pre-degree.

Titles: Preparatory: Age 20-Year Complete.

Courses of instruction:
Commercial and Management Studies:
Accountancy/Bookkeeping
Commerce.
Languages and Literature:
Languages: English.
Mathematics:
Mathematical sciences.
Social Sciences:
Sociology.

Length of course:
Minimum number of study hours/week/course: 15 hours.
Total number of weeks/course: 12 weeks.
Total number of courses making up programmes: 4 courses.

Media and methods:
Most dominant:
Printed correspondence texts
Audio-cassettes
Audio-vision.
Dominant: None.
Least dominant: None.

Language of instruction: Marathi.

Admission requirements: Meet the required minimum age of 20 years.

Number of students:
Number of current students: 2,621 (1989/90)
Annual intake of DE students: Not limited.

Evaluation:
Continuous assessment:
1.Written assignments for submission
2.Written regular tests

Final assessment: Written final examinations.

Educational arrangement: Eligible for B.A./B.Com. of the YCMOU.

Profile of students in this level: Data not available.

Acceptance of certificates, diplomas, and degrees: Policy yet to be formulated.

PROGRAMME II: *BACHELOR'S DEGREE PROGRAMMES*

Level:	First degree/Undergraduate.
Titles:	1. Bachelor of Arts 2. Bachelor of Commerce.
Courses of instruction:	*Agricultural Sciences:* Agriculture. *Commercial and Management Studies:* Accountancy/Bookkeeping Office/Secretarial Studies. *Humanities:* History Psychology:(1) Me and My Behavior; (2) Personality Development. *Languages and Literature:* Languages: Marathi (2 courses), English (3 courses). *Physical Science:* General Science. *Social Sciences:* Economics Sociology.
Length of course:	2-3 years; 92 credit-points. *Minimum number of study hours/week/course:* Data not available. *Total number of weeks/course:* Data not available. *Total number of courses making up programmes:* 19 courses.
Media and methods:	*Most dominant:* Printed correspondence texts Audio-cassettes Audio-vision. *Dominant:* None. *Least dominant:* None.
Language of instruction:	Marathi.
Admission requirements:	Completed H.S.C. Pass or Preparatory Pass.
Number of students:	Number of current students: 4,815 (1989/90) Annual intake of DE students: 10,000.

Evaluation: *Continuous assessment:*
1. Written assignments for submission
2. Written regular tests
3. Oral intermediate examinations(may be implemented depending on specific needs of the course).

Final assessment: Written final examinations.

Educational arrangement: Eligible for Postgraduate courses in the YCMOU.

Profile of students in this level: Data not available.

Acceptance of certificate, diploma, and degree: Policy yet to be formulated.

PROGRAMME III: *CERTIFICATE PROGRAMME*

Level:	Training/Certificate.
Titles:	Certificate Course in Agriculture.
Courses of instruction:	Agriculture.
Length of course:	*Minimum number of study hours/week/course:* 10 hours. *Total number of weeks/course:* 52 weeks. *Total number of courses making up programmes:* 1 course.
Media and methods:	*Most dominant:* Printed correspondence texts Audio-cassettes Audio-vision. *Dominant:* None. *Least dominant:* None.
Language of instruction:	Marathi.
Admission requirements:	Literate farmers.
Number of students:	Number of current students: 81 (1989/90) Limit of annual intake of DE students: 200.
Evaluation: *Continuous assessment:*	1. Oral intermediate examinations 2. Attendance of regular workshops or seminars at a specified institution 3. Field work.
Final assessment:	Field work.
Profile of students in this level:	Data not available.
Acceptance of certificate, diploma, and degree:	No comparable programme in other institutions.

PROGRAMME IV: *IN-SERVICE TRAINING PROGRAMMES*

Level:	Training/Certificate.
Titles:	In-service Training Course for School Teachers
Courses of instruction:	Educational Studies: 4 courses.
Length of course:	*Minimum number of study hours/week/course:* 10 hours. *Total number of weeks/course:* 16 weeks. *Total number of courses making up programmes:* 4 course.
Media and methods:	*Most dominant:* Printed correspondence texts Audio-cassettes Audio-vision. *Dominant:* None. *Least dominant:* None.
Language of instruction:	Marathi.
Admission requirements:	12 years service as teacher.
Number of students:	Number of current students: 261 (1989/90) Limit of annual intake of DE students: 1,500.
Evaluation: *Continuous:*	(1) Written assignments for submission, (2) Attendance of regular workshops/seminars at a specified institution.
Final:	(1) Written final examinations, (2) Oral final examinations.
Educational arrangement:	Economic benefit of next increment for those who have completed 12 years of services.
Profile of students in this level:	Data not available.
Acceptance of certificates:	No comparable programme in other institutions.

SURVEY OF DISTANCE EDUCATION IN REPUBLIC INDONESIA

COUNTRY PROFILE

The Republic Indonesia is the largest country in southeast asia in terms of area and population. Rich in natural resources, education is considered a major means for manpower development to make optimum use of its existing natural resources. Distance education is considered an alternative approach to achieve mass education for a large numbers of students within a short period of time.

Economy, Population and Demography:

A market economy in an upward trend, moving towards a just and affluent society. The per capita income is US$480.00. From the Fifth Development Plan (1989-94), the national budget is set at 107.5 trillion rupiah, and education shares part of the 15.8% (16,981 Rupiah) provided for the Section on "Education, Young Generation Development, National Culture, and the Belief in One God". Indonesia is the fifth most populous country in the world. In 1988 the population was about 175.6 million. By 1993 it is estimated to be about 192.9 million, with 1.9% annual rate of increase. The population is unevenly distributed. Sixty per cent of the total population is concentrated on the Java Island, which comprises only 7 percent of the land. Approximately 85% of the Indonesian population is Muslim, and 7.5 % Christian. The remainder includes Hindus, Buddhists, Confucians and Animists. The age group (19-24) seeking higher education is about 20 million.

Language of Instruction:

Bahasa Indonesian--originally a dialect of Malay language.

Educational System:

The educational system in Indonesia consists of formal and non-formal education. Formal education includes (1) Primary Education (six-year), (2) Secondary Education (six years) divided into three years lower secondary level called SMP, and three years upper secondary level consisting of SMA (general secondary education), SMEA (Economics), SMKK (Technical), SPG (Primary Teacher Training), and SGO (Sport Teacher) schools; and (3) Higher education levels. Non-formal education is provided through various programmes coordinated by the Directorate for Non-Formal Education, under the auspices of the Ministry of Education and Culture. There are 44 public universities, one open university and 665 private institutions of higher learning.

Communication Infra-structure: Indonesia has a complete communication infra-structure in terms of printing, radio, TV, telephone, and postal services. Its domestic satellite "Palapa", also used by other Asian countries, provides telecommunication services such as radio and TV broadcast, telephone, facsimile, and computer to other parts of the country.

OVERVIEW OF DISTANCE EDUCATION:

Distance education in Indonesia was established in the early 1950's in the form of correspondence school for teacher training. The most notable establishment of distance education was the Universitas Terbuka (Open University) in 1984. Since then a number of distance education departments, divisions, and programmes have been established. Presently, there are more than five organizations or institutions with distance education/training programmes.

Factors Leading to Establishment of DE Programmes: (1) Inadequate seating for secondary school graduates in existing conventional educational institutions; (2) need for further education for people who have already been in the labour force; (3) need to provide education to a large number of school age population and in a short period of time; and (4) need for training of knowledge and skills in certain areas to meet the needs of particular organizations and institutions.

Year of Establishment: Since 1950 for the National Teachers Distance Education Upgrading Course Development Centre, and 1984 for the Universitas Terbuka.

Distance Education Media: Printed modules supplemented with audio and video programmes, and tutorials at various study centres.

Sources of Financial Supports: There are three forms of financing distance education in Indonesia: Government, student fees, and assistance. Most distance education programmes in Indonesia are government sponsored. The government pays for material development and provides support for its implementation. In some cases, the government pays for the participants' tuition. In these cases the participants were usually assigned by their organization to attend the programme. Generally, the participants pay for tuition and the instructional material.

The Universitas Terbuka, the biggest distance education institution, is financed from three budgets: the routine budget, the development budget which includes foreign aid, and the education support budget. In addition, UT also receives an operational and maintenance budget. The source for the routine, the development and the operational and maintenance budget is the government. The education support budget is obtained from student fees. The budget for UT during 1989/1990 was about 12 milliard rupiah.

Trends of Development in Distance Education:

Growing in terms of number of institutions and programmes of study. Since the early 1950's with the establishment of a correspondence course for the upgrading of teachers, the establishment of "School Broadcast", the number of distance education institutions is increasing such as the establishment of the Universitas Terbuka (Open University), followed by the establishment of various distance education programmes and institutes such as the National Teacher Distance Education in Bandung, Indonesian Banking Development Institute in Jakarta, National Family Coordinating Board, Ministry of Education and Culture's SD PAMONG (Open Elementary School) and SMPT (Open Junior High School), and PERUMTEL Training Centre.

At the university level, The Universitas Terbuka forms partnerships with other organizations in providing on-the-job education/training such as the Indonesian Chambers of Commerce, the Ministry of Labour, the Telecommunication Public Service, and the Directorate General of Primary and Secondary Education for upgrading qualification of primary school teachers with SPG Certificates, and secondary school education with DI and DIII Certificates.

Legal Status:

All distance education institutions and programmes have equal legal status as other conventional institutions. For instance, the status of the Universitas Terbuka as a public university was confirmed in the Letter issued by President Suharto, the state head of Indonesia. The intent for establishing Universitas Terbuka is also written in the Fourth Five-Year Development Plan.

Aims:

(1) To increase access for higher education, especially for secondary school graduates who are unable to gain admission to existing conventional educational institutions; (2) To provide further education and re-education for people who have already been in the labour force to improve the quality of teachers and people in other professions; (3) To provide education to a large number of school age population and in a short period of time; and (4) To provide training of knowledge and skills in certain areas to meet the needs of particular organizations and institutions.

Most distance education programmes, except Universitas Terbuka and the National Teachers Distance Education Upgrading Course Development Centre, are established as a department, division, or unit within existing organizations. They are controlled and managed under the organizational and management structure of each individual institution.

Control and Management:

The Universitas Terbuka is headed by the Rector, assisted by four Vice Rectors responsible for Academic affairs, Research and social service, General administration, Student Affairs, and Programme

Operation. There are four faculties each headed by a Dean, namely (1) Economics, (2) Social and Political Sciences, (3) Mathematics and Natural Science, and (4) Teaching and Education Sciences.
The control and management is undertaken by the Central Office and Regional Office. At the Central Office, responsible for general policy making and general administrative and academic activities, it consists of three centres and two bureau: (1) Centre for Research and social Service, (2) Centre for Media Production, Information and Data Processing, and (3) Centre for Examination Processing and Administration, (4) Bureau of Academic and Student Administration, and (5) Bureau of General Administration. The Regional Office, in charge of managing student affairs, tutorials, examinations, regional academic administration, and general administration, is directed by a head and assisted by administration and academic assistants.

Instructional System:

Most distance education institutions in Indonesia employ the print-based approach in which printed self-instructional texts are supplemented by other forms of media.

The Universitas Terbuka uses printed modules as the main instructional media (96%), supplemented with audio cassettes containing highlights of the associated material and examples to provide clarification (2%), TV programmes (0.5%), radio programmes (0.5%), face-to-face tutorials (0.5%), tele-conferencing using CB and satellite (0.5%).

Writing of the instructional modules is contracted to lecturers from other universities, who are experts in their fields. After the manuscripts are finished, they were then developed into the final product by the UT staff for implementation. UT already develops about 500 courses, constituting 3500 modules.

Geographical coverage:

Nation-wide covering all provinces including East Timor.

Research Activities:

Research activities are undertaken by the Centre for Research and Community Service divided into four categories: (1)Research studies on programme development; (2) Studies on the support system; (3) Research studies on the efficiency and effectiveness of distance system; and (4) Research studies on the development of organization.

Enrollment and Graduates in DE Programmes:

Enrollment in distance education programmes varies from 4,945 students at some distance education/training units in certain institution to 199,542 for the Universitas Terbuka, with the annual intake ranging from 700 to 60,000 students. The proportion of male and female students is 75:25%.
The success rate of the students in a specific given period of time

for a programme is around 10%. At the Universitas Terbuka, there are about 14,565 graduates for the first degree level. For the teaching certificate level, the National Teachers Distance Education Upgrading Course Development Centre has produced 97,932 graduates since 1950.

International Affiliation and Cooperation: (1) United States Agency for International Development (USAID), (2) Canadian International Development Agency (CIDA), (3) Institute for International Research and Educational Development Centre, USA, (4) International Development Research Centre (IDRC), (5) UNESCO, and (6) World Bank.

Problems and Constraints: (1) Inability to attract secondary school graduates as they prefer studying at conventional institutions; (2) distance education students' attitude and desire towards achievement; (3) Institutional capability to provide better service to students.

LIST OF DISTANCE EDUCATION INSTITUTIONS:

1. The Universitas Terbuka, Jakarta.
2. National Teachers Distance Education Upgrading Course Development, Bandung;
3. Centre for Educational Communication Technology, Ministry of Education, Jakarta;
4. Centre for Educational Training for Programme Personnel, National Family Coordinating Board (BKKBN), Jakarta;
5. Indonesian Banking Development Institute (LPPI), Bureau of Distance Learning Programme, Jakarta;
6. PERUMTEL Training Centre, Division of Distance Learning System, Bandung.

UNIVERSITAS TERBUKA: THE OPEN UNIVERSITY OF INDONESIA
MINISTRY OF EDUCATION AND CULTURE

INSTITUTIONAL DATA

Year of Establishment: 1984

Name of Head: **Professor Setijadi**
Position: Rector
Address: Jalan Cabe Raya
Pondok Cabe-Ciputat
Kotak Pos 6666
Jakarta 10001, INDONESIA
Telephone: (021) 749-0941
Telex: 47498 UTER IA
Fax: (021) 749-0147

Nature of institution: The Universitas Terbuka (Open University of Indonesia-UT) was established as a national, single-mode distance education institution of higher learning by a Presidential Decree and was inaugurated in September 1984 by the President at Presidential Palace.

Educational levels provided for DE programmes:

1. Bachelor's Degree: Drs., Dra. (S1)
2. Diploma Level D-III
3. Diploma Level D-II
4. Certificate: Continuing Education.

Titles of DE programmes:

Bachelor's Degree: S1(Drs. and Dra.)

1. Education (Teaching English, Bahasa Indonesia, Mathematics, Physics, Chemistry, and Biology)
2. General Economics
3. Management
4. Business Administration
5. Public Administration
6. Development Administration
7. Applied Statistics
8. Mathematics.

Diploma Level D-III:

1. Taxation.

Diploma Level D-II:

1. In-service Training in Teaching English, Bahasa Indonesia

and Mathematics.
2. In-service Training in Teaching Science, Social Science, Teaching National, Philosophy: Pancasila, and Primary School Teachers.

C. Certificate Level (Continuing Education):
1. Certificate in English Study
2. Certificate in Computer
3. Certificate in Entrepreneurship.

Governance: A national establishment.

Objectives: The UT was established to provide senior high school graduates with better access to higher education, to train increasing numbers of manpower in areas demanded by the economic and social development of the country in a faster and more economical approach. Generally, the UT's aims cover the following areas:
1. National development
2. Personal development
3. Life-long recurrent education
4. Expansion of educational opportunity
5. Equality of educational opportunity
6. Training of skilled manpower
7. Cost-effectiveness
8. Promotion of democracy
9. Teacher Education and Training.

Sources of financial support of DE programmes:

Tuition Fees:

1. The employer/sponsor who recommends the student to attend distance education pays all tuition expenses for the student.
2. The student pays all tuition expenses by himself/herself in the amount of US$ 60-130 per year.

Budget:

Approximate annual budget for distance education of the institution for the fiscal year of 1990 was US$2.5 million (From the Government US$1.5 million and from tuition fees US$1.0 million).

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Local study centres
Telecommunication equipment
Printed texts
Variety of courses offered
Decreased:
Face-to-face sessions
Stable:
Teaching force
Broadcast programmes

AV aids
Library resources

Trends of enrollment in DE Programmes: Increasing

Number of current DE students: 109,980 students

Number of annual intake of DE students:

1984	54,035
1987	31,035
1990	65,000
1991	110,000

Number of students currently enrolled in each DE level:

1. Bachelor's Degree: S1	35,000
2. Diploma Level D-III	2,470
3. Diploma Level D-II	70,000
4. Certificate Level	2,510

Number of annual DE graduates:

Year:	Graduates:
1985-87	8,500
1988	2,385
1989	1,423
1990	2,215
1991	1.346

Accumulative number of DE graduates: A total of 15, 869 graduates since establishment in 1984.

Components of personnel in DE: A mix of full-time and part-time faculty members.

Number of full-time staff:

Academic:	726
Non-academic:	672
Total:	1,398

Number of part-time staff: Part-time academic: 350
(Appointed as course writers)

Number of Courses and programmes:
Number of courses offered: 550
Number of programmes offered: 26

Production of teaching materials/media:
1. Teaching materials and media are produced individually by conventional university senior lecturers (90%) assisted by media production specialist. The course team approach is not used.
2. The way teaching materials are produced: Course writing

workshops on techniques of writing distance learning materials are conducted for all writers. Then, the writers write the materials at home.

3. The stages are: (1) Writing the course outline; (2) Writing the first draft of instructional materials, (3) Content and language review by other experts; (4) Get the writer's approval; (5) Design and lay out graphic illustrations; (6) Conduct formative evaluation, and (7) Implementation.

Regional/Study Centres:

Number of regional and local study centres:

Number of Regional Centres: 32
Local Study Centres: 110 (as examination venues)

Operators of these centres:

They are run by UT staff (90%) and conventional universities (10%)

Sources of financial support:

From the Government.

Major functions of these centres:

1. Registration
2. Providing tutorial sessions
3. Providing counselling services
4. Marketing and public relations
5. Providing examinations

Overall student Profile:

Age distribution:

Years:	*Proportion* (%)
Under 21	3.0
Between 21-30	41.2
Between 31-40	41.2
Between 41-50	13.7
Total:	100.0

Gender distribution:

Sex:	(%)
Male	76.6
Female	23.4
Total:	100.0

Income Level:

Level:	(%)
Top	-
Middle	39.0
Bottom	61.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	65.0
Rural	35.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Homogeneous

Occupational distribution:	*(%)*
Primary school teachers	65.0
Secondary school teachers	5.0
Other occupations	10.0
Non-working	20.0
Total:	100.0

Future development:

Possible distance education development in the next 5-10 years is the expansion of continuing education and diploma level programmes to meet the needs of specific groups of students.

Major obstacles for implementing distance education:

1. Difficulties in making use of television because of high cost and inability to reach students in rural areas
2. Postal services take too long to deliver learning and examination materials to students
3. Making use of computer network is still difficult for most regional offices.

Affiliation with regional and international DE organizations:

AAOU (Association for Asian Open Universities)

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION

List of Programmes:

1. Bachelor's Degree: Drs., Dra. (S1)
2. Diploma Level D-III
3. Diploma Level D-II
4. Certificate: Continuing Education.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMMES*

Level: First degree (S1)

Title of programme offered in this level: In-service Training for Senior High School (SHS) Teachers

Courses or programmes of instruction: *Educational Studies:*
- Teaching Mathematics for SHS Teachers
- Teaching English for SHS Teachers
- Teaching Bahasa Indonesia for SHS Teachers
- Teaching Physics for SHS Teachers
- Teaching Chemistry for SHS Teachers
- Teaching Biology for SHS Teachers.

Length of course: *Minimum number of study hours per week per course:* 10 hours
Total number of weeks per course: 18 weeks
Total number of courses making up programmes: 30 courses

Media and method: *Most dominant:*
Printed texts.
Dominant:
Kits
Practical work
Face-to-face tutoring
Least dominant:
Audio-cassettes
Radio
Radio via satellite
Television programmes
Tutoring via mail
Face-to-face counselling
Regional services
Study centres

Language of instruction: Indonesian language (*Bahasa Indonesia).*

Admission requirements:
1. Having completed the D-II level of Diploma
2. Be a citizen of the country
3. Be a current employee
4. Get recommendation from his/her employer
5. Have the work experience of two years

Number of students: 5,000 students.

Annual intake of DE students: 2,000 students (1990).

Evaluation system:

Continuous assessment:
1. Written intermediary examinations
2. Attendance at the local study centre.

Final course assessment:
1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates: None because most students get credits for promotion after graduation.

Profile of students in this level:

By Educational Background: Data not available

By Employment: Data not available

By types of career:	(%)
In-service trainees	100.00
(e.g. teachers, nurses):	-
Total:	100.00

By gender:	(%)
Male:	60.00
Female:	40.00
Total:	100.00

Acceptance of final award, certificate, and degree: Accepted as equal to a comparable award given by a non-distance education institution because the University is a state university and the graduates have been promoted according to national regulations.

PROGRAMME II: *DIPLOMA PROGRAMMES LEVEL D-III*

Level: Diploma Level D-III

Title of programme: In-service Training for Senior High School (SHS) Teachers

Course or programme of instruction: Taxation

Length of course:
Minimum number of study hours per week per course: 10 hours
Total number of weeks per course: 18 weeks
Total number of courses making up programmes: 40 courses

Media and methods:
Most dominant:
Printed texts
Dominant:
Audio-cassettes
Least dominant:
Audio-cassettes
Radio
Radio via satellite
Television programmes
Tutoring via mail
Face-to-face counselling
Regional services
Study centres.
Face-to-face tutoring

Language of instruction: Indonesian language.

Admission requirements:
1. Having completed Senior High School
2. Be a citizen of the country or get special permission from Director General of Higher Education

Number of students: 500 students

Annual intake of DE students: 100 students (as of 1990)

Evaluation system:
Continuous assessment:
1. Written intermediary examinations
2. Attendance at the local study centre

Final course assessment:

1. Written final examinations
2. Final take-home assignments

Educational and employment arrangements for graduates: None because the students, after graduation, get credits for promotion.

Profile of students in this level:

By Educational Background: Data not available

By Employment: Data not available

By types of career:	(%)
In-service trainees	100.00
(e.g. teachers, nurses):	-
Total:	100.00

By gender:	(%)
Male:	60.00
Female:	40.00
Total:	100.00

Acceptance of final award, certificate, and degree: Accepted as equal to a comparable award given by a non-distance education institution because the University is a state university and the graduates have been promoted according to national regulations.

PROGRAMME III: *DIPLOMA LEVEL D-II*

Level: Diploma Level D-II

Title of programme offered in this level:

1. Inservice Training for Junior High School (JHS) Teachers
2. Inservice Training for Primary School (JHS) Teachers

Courses or programmes of instruction:

Educational and In-Service Training for Teachers:

- Teaching Mathematics for JHS Teachers
- Elementary School Teacher Training
- Teaching English for JHS Teachers
- Teaching Bahasa Indonesia for JHS Teachers
- Teaching Physics for JHS Teachers
- Teaching Chemistry for JHS Teachers
- Teaching Biology for JHS Teachers.
- Teaching Social Science for JHS Teachers
- Teaching National *Pancasila* Philosophy for JHS Teachers.

Length of course:

Minimum number of study hours per week per course: 10 hours
Total number of weeks per course: 18 weeks
Total number of courses making up programmes:
15 courses for JHS Teachers (They have already earned D-I Certificate before entering the D-II Programme), and 30 courses for Primary School Teachers (They must have a Senior High School Certificate before entering the D-II Programme).

Media and methods:

Most dominant:
Printed texts
Dominant:
Audio-cassettes
Practical work
Face-to-face tutoring
Least dominant:
Kits
Audio-cassettes
Radio
Radio via satellite
Television programmes
Tutoring via mail
Face-to-face counselling
Regional services
Study centres

Language of instruction: Indonesian language.

Admission requirements:

1. Having completed the D-I for Junior High School teachers, and a Senior High School certificate for Primary School teachers
2. Be a citizen of the country
3. Be a current employee
4. Get recommendation from his/her employer
5. Have the work experience of two years.

Number of students: 75,000 students

Annual intake of DE students:

1990 25,000
1991 50,000.

Evaluation system:

Continuous assessment:

1. Written intermediary examinations
2. Attendance at the local study centre (Primary School teachers only).

Final course assessment:

1. Written final examinations
2. Final take-home assignments.

Educational and employment arrangements for graduates: None.

Profile of students in this level:

By Educational Background: Data not available.

By Employment: Data not available .

By types of career:	(%)
In-service trainees	100.00
(e.g. teachers, nurses):	-
Total:	100.00

By gender:	(%)
Male:	60.00
Female:	40.00
Total:	100.00

Acceptance of final award, certificate, and degree: Accepted as equal to a comparable award given by a non-distance education institution because the University is a state university and the graduates have been promoted according to national regulations.

PROGRAMME IV: *CERTIFICATE PROGRAMMES*

Level: Certificate Level.

Titles of programmes offered in this level:
1. Certificate in English Study
2. Certificate in Computer
3. Certificate in Entrepreneurship.

Courses or programmes of instruction:
Language: English
Mathematics: Computer Sciences
Social Sciences: Entrepreneurship.

Length of course:
Minimum number of study hours per week per course: 10 hours.
Total number of weeks per course: 18 weeks.
Total number of courses making up programmes:
English Study: 20 courses
Computer: 2 courses
Entrepreneurship: 6 courses.

Media and methods:
Most dominant:
Printed texts
Dominant:
Audio-cassettes
Practical work (for Computer and English Study).
Least dominant:
Audio-cassettes
Radio
Radio via satellite
Television programmes
Tutoring via mail
Face-to-face tutoring
Face-to-face counselling
Regional services
Study centres
Practical work (Entrepreneurship).

Language of instruction: Indonesian language.

Admission requirements:
1. Having completed the SHS certificate for Entrepreneurship but may be lower for English Study
2. Be a citizen of the country or get special permission from Director General of Higher Education

3. Be a current employee
4. Get recommendation from his/her employer
5. Have the work experience of two years.

Number of students:
Entrepreneurship: 179
English Study: 4,120
Computer: 250.

Annual intake of DE students:
For 1990 only:
Entrepreneurship: 43
English Study: 870
Computer: 50.

Evaluation system:

Continuous assessment:
1. Written intermediary examinations
2. Attendance at the local study centre.

Final course assessment:
1. Written final examinations for all programmes
2. Written and oral examinations for English.

Educational and employment arrangements for graduates:
None.

Profile of students in this level:

By Educational Background: Data not available.

By Employment: Data not available.

By types of career:	(%)
In-service trainees	100.00
(e.g. teachers, nurses):	-
Total:	100.00

By gender:	(%)
Male:	60.00
Female:	40.00
Total:	100.00

Acceptance of final award, certificate, and degree:
Accepted as equal to a comparable award given by a non-distance education institution because the University is a state university and the graduates have been promoted according to national regulations.

NATIONAL TEACHERS DISTANCE EDUCATION UPGRADING COURSE DEVELOPMENT CENTRE

(Pusat Pengbangan Penataran Guru Tertulis-PPPGT)
Directorate General of Elementary and Secondary Education
Ministry of Education and Culture

INSTITUTIONAL DATA

Year of Establishment:	1950.
Name of Head:	**Dr. Mohamad Hasanudin**
Position:	Director
Address:	Jalan R. Cipto No.9 Bandung - 40171 Indonesia.
Telephone:	430068, 437041
Nature of institution:	Distance teaching only.
Level Provided for DE programme:	Pre-degree, Certificate levels.
Titles and levels of DE programmes:	1. *Title:* Refreshing Course Programme *Level:* Certificate 2. *Title:* Improving Teacher Qualification Programme *Level:* Certificate.
Governance:	A national establishment. The PPPGT was established by the Decree of the Ministry of Education of the Republic Indonesia No.5031/F/1950 under the name of Teacher Training Correspondence Centre. Since its establishment, PPPG changed its name five times, until 1978 when it was changed to the present name.
Objectives:	PPPGT aims to improve teachers' professional qualifications, especially those teachers engaged in kindergarten, elementary schools, junior (lower) secondary schools, and senior (upper) secondary schools. Specifically, PPPG meets the following objectives: 1. Teacher Education and Training 2. Personal development 3. Life-long recurrent education.

Sources of financial support of DE programmes:

Tuition Fees:
1.The employer/sponsor who recommends the student to attend distance education pays all tuition expenses for the student.
2.Students are required to pay US$8.00 of tuition charges.

Budget:
Approximate annual budget for distance education of the institution for the fiscal year of 1990 was US$103,000.

Trends of development of DEresources and activities:

Expanded:
- Distance education programmes
- Local study centres
- Study materials and Text books
- Teaching force

Decreased:
- None

Stable:
- Telecommunication equipment
- Variety of courses offered
- Audio-visual aids
- Library resources
- Written materials

Not applicable:
- Financial provision
- Broadcasting programmes

Trends of enrollment in DE Programs:

Decreasing.

Number of current DE students:

4,000 students

Number of annual intake of DE students:

7,523 students

Number of students currently enrolled in each DE level:

1. Pre-degree	1,500
2. Diploma/Certificate	2,500

Number of annual DE graduates:

4,897 graduates

Accumulative number of DE graduates:

97,932 graduates with overall success rate of 36.89% for elementary school teachers, and 67.1% for junior school teachers (1981-89).

Components of personnel in DE: A mix of full-time and part-time members.

Number of full-time staff: 148 full-time staff

Number of part-time staff: 10 part-time staff

Number of course and programmes: *Number of courses offered:* 61
Number of programmes offered: 2

Production of teaching materials/media: Teaching materials and media, in the forms of textbooks and modules, are produced by academic staff.

The production stages are:

1. Studying curriculum;
2. Conducting workshops to develop the syllabi of courses for each programme;
3. Writing manuscripts of study materials;
4. Evaluating and editing the manuscripts;
5. Printing the books/modules; and
6. Distributing the books/modules.

Regional/Study Centres:

Number of regional and study centres: About 5-15 centres in each province

Operators of regional centres: Run by the Local Committee

Sources of financial support: From governments and participants of the programmes

Major functions of regional and study centres:

1. Providing tutorial sessions;
2. Providing tests; and
3. Providing the final examination.

Target students or recipients: Students and participants of the National Teacher Distance Education Development Centre.

Profile of Students:

Age distribution:

Years:	*Proportion* (%)
Under 21	
Between 21-30	40
Between 31-40	40
Between 41-50	20
Total:	100.0

Gender distribution:

Sex:	(%)
Male	60
Female	40
Total:	100.0

Income Level:

Level:	(%)
Top	-
Middle	30
Bottom	70
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	65
Rural	35
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Consists of ethnic groups such as Javanese, Sundanese, Chinese, etc.

Occupational distribution: Teachers of elementary, lower secondary, and upper secondary schools.

Future plan:

Possible distance education development in the next 5-10 years are:
1. Distance education for teachers to be upgraded to headmasters, supervisors, etc.
2. Distance education for special education teachers to teach handicapped children.

Major obstacles for implementing distance education:

1. Long time for postal services to reach students in remote areas
2. Inadequate financial support for the programmes.

Affiliation with regional and international DE organizations:

None.

PROGRAMMES, MEDIA, METHODS, & EVALUATION:

List of DE programmes:
1. Refresher Course Programme
2. Improving Teacher Qualification Programme.

PROGRAMME I: *REFRESHER COURSE PROGRAMME*
PROGRAMME II: *IMPROVING TEACHER QUALIFICATION PROGRAMME*

Level: Pre-degree, certificate

Courses of instruction:
Agricultural Sciences: Farming
Humanities: History: National History, Psychology
Languages and literature: Linguistics
Educational Studies:
- Curriculum development
- Educational administration
- Educational policy analysis and management
- Educational psychology
- Child psychology and counseling
- Language, reading and communication
- Mathematics education
- Microelectronics and computer education
- Pre-school education
- Science education
- Educational testing and evaluation
- International education

Physical Science: Chemistry, Physics
Biological Science and Technology:
General Biology and life sciences
Medical and Health Sciences:
Health studies
Mathematics:
Mathematical sciences
Social Sciences:
Economics, Geography
Others: Home economics

Length of course:
Minimum number of study hours per week per course: 2 hours
Total number of weeks per course: 10 hours
Total number of courses making up programmes: 400 hours

Media and methods:
Most dominant:
Printed Materials
Study centres
Dominant:
Face-to-face tutorial
Kits

Practical work
Day schooling
Weekend schooling
Least dominant:
Face-to-face counselling
Telephone counselling

Language of instruction: Indonesia (Bahasa Indonesia)

Admission requirements:

1. The student must have completed lower or upper secondary education before entering the distance education program
2. The student must meet the minimum required age level of 25 years
3. The student must be a citizen of the country
4. The student must be a current employee
5. The student must be recommended by his/her employer
6. The student must have *four years* of work experience before entering the programme
7. They must be regular teachers by the time of application

Number of students: Approximately 150.458.

Annual intake of DE students: Approximately 7,523.

Evaluation:
Continuous assessment:

1. Written assignments for submission
2. Written regular tests
3. Written intermediary examinations

Final assessment: Written final examinations

Educational and employment arrangements for graduates: No educational and employment arrangements are provided to the students because they can arrange by themselves based on the given certificates.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary/High school	100.00
Total:	100.00

By Employment:	(%)
Full-time public employees:	100.00
Total:	100.00

By types of career:	(%)
In-service trainees (e.g. teachers, nurses):	100.00
Total:	100.00

By gender:	(%)
Male:	60.00
Female:	40.00
Total:	100.00

Acceptance of final award, certificate, and degree: Accepted

ENTRE FOR EDUCATIONAL COMMUNICATION TECHNOLOGY
MINISTRY OF EDUCATION AND CULTURE

INSTITUTIONAL DATA

Year of Establishment: 1979.

Name of Head: **Dr. Arief Sukadi Sadiman**
Position: *Director*
Address: Jalan Cendrawasih, Km 15,5
Jakarta Selatan.
Telephone: 741831
Fax: 741727

Nature of institution: Conventional institution with distance teaching program.

Educational levels Provided for DE programmes: Secondary education for children.

Title and level of DE programmes:

Title	*Level*
Open Junior High School	Secondary education

Governance: A national establishment.

Objectives: *Equality of educational opportunity:* For ensuring the right to education in all forms for all citizens.

Sources of financial support of DE programmes:
Tuition Fees:
Free
Budget: Data not available.

Trends of development of DE resources and activities:
Expanded:
Financial provision
Distance education programmes
Local study centres
Telecommunication equipment
Teaching force
Broadcasting programmes
Audio-visual aids

Face-to-face sessions
Library resources
Laboratories
Decreased: None
Stable:
Study materials and texts
Variety of courses offered.

Trends of enrollment in DE Programs: Increasing in some schools and decreasing in some.

Number of current DE students: Approximately 3,000 students

Number of annual intake of DE students: Approximately 5,000 students annually

Number of students currently enrolled in each DE level: SMPT (Open Junior High School) 5,000 students

Number of annual DE graduates: Approximately 600 graduates

Accumulative number of DE graduates: 5,370 graduates

Components of personnel in DE: Faculty members are part-time employees.

Number of full-time staff: None.

Number of part-time staff: Part-time Academic: 1,000

Number of Courses and programs: *Number of courses:* Approximately 14
Number of programmes: Approximately 7

Production of teaching materials/media: Teaching materials and media are produced by (1) teachers, (2) media specialists, (3) content specialists, and (4) instructional designers who work as a course team following the three steps: (a) design, (b) develop, (c) evaluate and review. The stages are:

1. Construct elaborated syllabi based on the existing curriculum;
2. Write the modules and scripts;
3. Produce respective media;

4. Review and revise; and
5. Produce final versions of media.

Regional/Study Centres:

Number of regional and local study centres: Ten (10) at each site

Operators of regional and local study centres: Designated learning supervisors

Sources of financial support: Government

Major functions of regional and local study centres:
1. Providing tutorial sessions
2. Providing group study
3. Providing group counselling services

Student characteristics:

Age distribution:

Years:	*Proportion* (%)
Under 21	100.0
Total:	100.0

Gender distribution:

Sex:	(%)
Male	55.0
Female	45.0
Total:	100.0

Income Level:

Level:	(%)
Top	-
Middle	-
Bottom	100.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	40.0
Rural	60.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Occupational distributions:
Farmers 50.0%
Labor force 40.0%
Other 10.0%
Ethnic composition: Homogeneous

Future plans or developments:	Possible distance education development in the next 5-10 years are: The Open Junior High School programmes will be disseminated to cover all 27 provinces, each of which will have at least two sites.
Major obstacles for implementing distance education:	(1) Geographical distance, (2) Development and distribution of learning materials.
Affiliation with regional and international DE organizations:	None
PROGRAMMES, MEDIA, METHODS, & EVALUATION:	*List of Programme:* Open Junior High School (SMP Terbuka)

PROGRAMME I: *OPEN JUNIOR HIGH SCHOOL (SMP TERBUKA)*

Level:	Secondary education
Titles of programmes offered in this level:	SMP Terbuka Lower Secondary Education
Courses of instruction:	All courses at the junior high school level according to the curriculum of the Ministry of Education and Culture.
Length of course:	*Minimum number of study hours per course per week:* 1.5 hours *Total number of weeks per course:* 18 weeks *Total number of courses making up programmes:* 14 courses
Media and methods:	*Most dominant:* Printed materials Face-to-face tutoring Study centres. *Dominant:* Audio-cassettes Radio programmes TV via satellite (*Palapa* Satellite) Face-to-face counselling Evening schooling Slide Laboratory. *Least dominant:* Video-cassettes
Language of instruction:	Language (Bahasa Indonesia).
Admission requirements:	1. Complete elementary education 2. Age 12 or over
Number of students:	Approximately 5,000
Annual intake of DE students:	Approximately 1,500

Evaluation:

Continuous assessment:

1. Written assignments for submission
2. Written regular tests
3. Written intermediary examinations
4. Attendance at the local study centre
5. Constant contact with principal advisor/tutor

Final assessment: Written assignments for submission

Educational and employment arrangements for graduates: None

Profile of students in this level:

By Educational Background:	Proportion (%
Primary (children):	
Secondary (children):	100.0
Secondary/High school leavers (Ages 16 to 19):	
First degree:	
Higher degree:	
Total:	100.00

By Employment: Not applicable

By types of career: Not applicable

By gender: Data not available

Acceptance of final award, certificate, and degree: The final award given by this institution is accepted as equal to a comparable award given by other junior high schools as this programme was accredited by the Ministry of Education and Culture.

CENTRE FOR EDUCATION AND TRAINING FOR PROGRAM PERSONNEL,
NATIONAL FAMILY COORDINATING BOARD (BKKBN)

INSTITUTIONAL DATA

Year of Establishment: 1985

Name of Head: **Sri Dadi Suparto**
Position: *Chief*
Address: Jalan Letjen Haryono M.T
P.O Box 1186
Jakarta, 10011, INDONESIA
Telephone: 819-1308
Telex: 48181 BKKBN IA
Fax: (61-21)819-4521

Nature of institution: Conventional institution with distance teaching program.

Educational level Provided for DE programmes: Training.

Title and levels of DE programme: Varies according to the type of training programmes offered to the participants.

Governance: A national establishment within National Family Coordinating Board (BKKBN).

Objectives:
1. National development
2. Training of skilled manpower
3. Cost-effectiveness.

Sources of financial support of DE programmes: *Tuition and Fees:* Free.

Budget:
Approximate annual budget for distance education of the institution for the fiscal year of 1990 was US$40,000.00.

Trends of development of DE resources and activities:	*Expanded:* Distance education programmes Variety of courses offered Face-to-face sessions Library/instructional resources. *Decreased:* Financial provision Broadcasting programmes Audio-visual aids. *Stable:* Local study centres Communication equipment Study materials/texts Teaching force.
Trends of enrollment in DE Programs:	Stable.
Number of current DE students:	Approximately 1,300.
Number of annual intake of DE students:	Approximately 5,500.
Number of students currently enrolled in each DE level:	Training: 1,300.
Number of annual DE graduates:	Approximately 1,300.
Accumulative number of DE graduates:	Approximately 5,500.
Components of personnel in DE:	Faculty members are both full-time and part-time employees.
Number of full-time staff:	6.
Number of part-time staff:	10.
Number of Courses and programs:	Number of courses: 6. Number of programme: 1.

Production of teaching materials/media: Teaching materials and media are produced by staff members. Both full-time and part-time staff attend a workshop for each particular training package. The stages of producing teaching materials/media usually cover (1) Need assessment, and (2) Developing teaching materials.

Regional/Study Centres:

Number of regional and local study centres: 37.

Operators of these centres: Provincial Family Coordinating Board.

Sources of financial support: Government support.

Major functions of these centres:
1. Providing tutorial sessions
2. Providing examinations.

Overall student Profile:

Age distribution: Data not available.

Gender distribution: Data not available.

Income Level: Data not available.

Geographical distribution: Data not available.

Occupational and Ethnic Composition of DE Students: *Ethnic Composition*: Data not available.
Occupational distribution: Data not available.

Future development: Possible distance education development in the next 5-10 years are:
1. Distance training for all chiefs of sub-divisions at all levels
2. Distance training for field workers and field leaders.

Major obstacles for implementing distance education: Insufficient budget.

Affiliation with regional and international DE organizations: None.

PROGRAMMES, MEDIA, METHODS, & EVALUATION: *List of DE Programme:*
Training of Program Personnel of Family Coordinating Boards at Provincial and District Levels.

PROGRAMME I: *PROGRAM PERSONNEL TRAINING*

Level:	Training
Courses of instruction:	*Commercial and management studies:* Management *Educational Studies:* Curriculum development Adult learning Technology education Educational testing and evaluation *Communications:* Dissemination techniques *Social Sciences:* Population studies
Length of course:	*Minimum number of study hours per week per course:* Not applicable as no regular number of study hours per week is fixed *Total number of weeks per course:* Varies according to the type of training programme *Total number of courses making up programme:* 14
Media and methods:	*Most dominant:* Printed materials *Dominant:* Audio-cassettes Radio programmes Tutorial via mails Regional services Study centres. *Least dominant:* None
Language of instruction:	Indonesian
Admission requirements:	1. Be a current employee 2. Get recommendation from his/her employer 3. Have the work experience
Number of students:	Approximately 5,500

Annual intake of DE students: Approximately 1,300

Evaluation:

Continuous assessment: Written assignments for submission.

Final assessment: Written final examinations.

Educational and employment arrangements for graduates: No educational and employment arrangement are provided.

Profile of students in this level:
By Educational Background: Data not available
By Employment: Data not available
By types of career: Data not available
By gender: Data not available

Acceptance of final award, certificate, and degree: The certificates given upon completion of each training programme help promote employment opportunities for the participants.

BUREAU OF DISTANCE EDUCATION
INDONESIAN BANKING INSTITUTE

INSTITUTIONAL DATA

Year of Establishment: 1985.

Name of Head: **Mrs. Sartini S. Moertono**
Position: *Chief*
Address: Jalan Kemang Raya 35
P.O Box 8/KBYT
Jakarta 12730, INDONESIA.
Telephone: 799-0919, 799-2012
Telex: 62480 BANKMG IA
Fax: 799-0927

Nature of institution: Conventional institution with distance training bureau.

Educational levels provided for DE programmes: Training.

Titles and levels of DE programmes:
Course I: Distance Learning Program for Loan Officers.
Course II: Distance Learning Program for Rural Banking Management.

Governance: A national establishment.

Objectives:
1. Training of skilled manpower
2. Cost-effectiveness
3. Reservation of trained manpower.

Sources of financial support of DE programmes:

Tuition Fees:
1. The employer/sponsor who recommends the student to attend distance education pays all tuition expenses for the student.

2. The student pays all tuition expenses by himself/herself: Course I: US$ 306.59; Course II US$ 204.39.

3. Students are required to pay ranging from US$ 78.25- 153.00 of tuition charges.

Budget:
Approximate annual budget for distance education of the institution for the fiscal year of 1990 was US$895,534.49 for material development only.

Trends of development of DE resources and activities:	*Expanded:* Distance education programmes Local study centres Teaching force Variety of courses offered. *Decreased:* Data not available. *Stable:* Data not available. *Not applicable:* Data not available.
Trends of enrollment in DE Programs:	Increasing.
Number of current DE students:	4,945.
Number of annual intake of DE students:	700 annually.
Number of students currently enrolled in each DE level:	Course I 4,514 Course II 431.
Number of annual DE graduates:	650 graduates.
Accumulative number of DE graduates:	3,228 graduates since the establishment of DE programs.
Components of personnel in DE:	A mix of full-time and part-time training staff. Staff members share their work duties with external experts in the field both from conventional institutions and other finance institutions.
Number of full-time staff:	Academic: 30 Non-academic: 7 Total: 37.

Number of part-time staff:
Academic: 4
Non-academic: 4
Total: 8.

Number of Courses and programs:
Number of courses offered: 2
Number of programmes offered: 1.

Production of teaching materials/media:

Teaching materials and media are produced by full-time and part-time faculty members. Content experts, module writers, and audio script writers work together to develop self-instructional modules consisting of print materials and audio-cassettes programmes along the following stages:

1. Produce Printed materials: After the content is agreed upon by content experts and module writers, the materials are printed in final form;
2. Produce Audio programmes after the content is agreed upon by content experts, module writers, and audio-script writers;
3. Conduct formative evaluation of the completed modules by sending them together with questionnaires for assessment. While studying the modules, participants fill in the questionnaires indicating the difficulties and clarification of the modules; and
4. Revise the printed materials according to the feedback received from the participants.

Regional/Study Centres: No regional/study centres available.

Overall student Profile:

Age distribution:

Years:	*Proportion* (%)
Under 21	-
Between 21-30	25.0
Between 31-40	60.0
Between 41-50	15.0
Between 51-60	-
Over 60	-
Total:	100.0

Gender distribution:

Sex:	(%)
Male	65.0
Female	35.0
Total:	100.0

Income Level:

Level:	(%)
Top	10.0
Middle	90.0
Bottom	-
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	75.0
Rural	25.0
Total:	100.0

Occupational and Ethnic Composition of DE Students:
Ethnic Composition: Homogeneous
Occupational distribution: Banking and finance organizations.

Future development: Possible distance education development in the next 5-10 years is to develop distance learning programmes for professional bankers.

Major obstacles for implementing distance education: Time constraints in developing training modules.

Affiliation with regional and international DE organizations: ICDE.

PROGRAMMES, MEDIA, METHODS, & EVALUATION

List of DE Programme:
Distance Learning Program for Banking Personnel

PROGRAMME I: *DISTANCE EDUCATION PROGRAMME FOR BANKING PERSONNEL*

Level:	Training.
Courses of instruction:	*Commercial and Management Studies:* Accountancy/Book-keeping Administration Business administration Finance Management Banking Marketing.
Length of course:	*Minimum number of study hours per week per course:* 21 hours. *Total number of weeks per course:* Course I: 36 weeks; Course II: 24 weeks. *Total number of courses making up programmes:* 2 courses.
Media and methods:	*Most dominant:* Printed texts Audio-cassettes. *Dominant:* None. *Least dominant:* Face-to-face Tutoring via mailing Telephone tutoring.
Language of instruction:	Indonesian.
Admission requirements:	1. Be a citizen of Indonesia 2. Be a current employee 3. Be recommended by his/her employer.
Number of students:	4,959.
Annual intake of DE students:	Approximately 700.

Evaluation:

Continuous: Attendance of regular workshops/seminars at the other institution.

Final: Written final examinations.

Educational and employment arrangements for graduates: None. In some cases, however, distance education alumni may be assigned to on-site courses for advanced courses such as Accounting, Marketing, and Management at the Institute.

Profile of students in this level: *By Educational Background:* Data not available.

By Employment:	(%)
Full-time public employees:	70.0
Full-time private employees:	30.0 -
Part-time employees:	- -
Total:	100.00

By gender:	(%)
Male:	65.0
Female:	35.0
Total:	100.00

Acceptance of certificate, diploma, and degree: Certificates for Loan officers either obtained from the distance learning program or regular program are considered equal.

DISTANCE LEARNING SYSTEM
PERUMTEL TRAINING CENTRE

INSTITUTIONAL DATA

Year of Establishment: 1990

Name of Head: **Ms.Endang Sofyan**
Position: *Manager*
Address: 47, Geger Kalong Hilir
Bandung, INDONESIA
Telephone: 022-84050
Fax: 022-211876

Nature of institution: Conventional institution with distance teaching department.

Educational levels provided for DE programmes: Training.

Title of DE programme: Telecommunication Training.

Governance: A national establishment.

Objectives:
1.Training of skilled manpower
2.Cost-effectiveness.

Sources of financial support of DE programmes: *Tuition and Fees:* Free.

Budget: Approximate annual budget for distance education of the institution for the fiscal year of 1991 was US$55,00.

Trends of development of DE resources and activities:

Expanded:
Distance education programmes
Telecommunication equipment
Study materials and textbooks
Variety of courses offered
Broadcasting programmes
Audio-visual aids.
Decreased: None.

Stable:
Financial provision
Local study centres.

Trends of enrollment in DE Programs:	Increasing.	
Number of current DE students:	1,440.	
Number of annual intake of DE students:	Approximately 360 students annually.	
Number of students currently enrolled in each DE level:	Finance	120
	Customer Services	120
	Marketing	120
Number of annual DE graduates:	Approximately 360.	
Accumulative number of DE graduates:	Approximately 1,200.	
Components of personnel in DE:	Faculty members share their work duties between a conventional university and the distance education institution.	
Number of full-time staff:	9.	
Number of part-time staff:	6.	
Number of Courses and programs:	Number of courses offered: 3. Number of programmes offered: 1.	
Production of teaching materials/media:	Teaching materials and media are produced by instructors and subject matter experts in the form of modules. The production stages are: (1) every instructor writes a module, and (2) instructors give tutorials via satellite.	
Regional/Study Centres:		
Number of regional and local study centres:	6.	

Operator: Run by Regional Training Units.

Sources of financial support: Regional telecommunication offices.

Major functions: Administration and examinations.

Overall student Profile:

Age distribution:

Years:	(%)
Between 21-30	75.0
Between 31-40	25.0
Total:	100.0

Gender distribution:

Sex:	(%)
Male	75.0
Female	25.0
Total:	100.0

Income Level:

Level:	(%)
Top	-
Middle	20.0
Bottom	80.0
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	100.0
Rural	-
Total:	100.0

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* homogeneous
Occupational distribution: All participants are PERUMTEL personnel.

Future development: Possible distance education development in the next 5-10 years are: (1) Increase in number of students, and (2) increase satellite education Network.

Major obstacles for implementing distance education: Mechanism, coordination, and administration

PROGRAMMES, MEDIA, METHODS, & EVALUATION: *List of DE Programme:*
Training Programme for Telecommunication Personnel.

PROGRAMME I: *TRAINING PROGRAMME FOR TELECOMMUNICATION PERSONNEL*

Level:	Training.
Courses of instruction:	*Commercial and Management Studies:* Finance Marketing Office/Secretarial studies Other: Customer Services.
Length of course:	Three months.
Media and methods:	*Most dominant:* Printed materials Video via satellite Tutoring via satellite. *Dominant:* None. *Least dominant:* Computer assisted learning Facsimile.
Language of instruction:	Indonesian.
Admission requirements:	1. Be a citizen of the country 2. Be recommended by his/her employer.
Number of students:	Approximately 1,440.
Annual intake of DE students:	Approximately 1,440.
Evaluation:	
Continuous:	Written regular tests
Final:	Written final examinations.
Educational and employment arrangements for graduates:	None. Students are current employees of PERUMTEL.

Profile of students in this level:

By Educational Background: Data not available.

By Employment: Students are 100% full-time employees of PERUMTEL.

By gender:	(%)
Male:	75.0
Female:	25.0
Total:	100.0

Acceptance of certificate, diploma, and degree:

The PERUMTEL Certificates are awarded by Chief of Training Centre and recognized by the organization.

SURVEY OF DISTANCE EDUCATION IN THE ISLAMIC REPUBLIC OF IRAN

COUNTRY PROFILE

Iran is an islamic republic located in the southwestern Asia. It has an area of 636,300 square miles (1,648,000 square kilometres) and is bounded on the north by the Soviet Union and the Caspian Sea, on the east by Pakistan and Afghanistan, on the south by the Persian Gulf and the Gulf of Oman, and on the east by Turkey and Irag. Iran also controls about a dozen islands in the Persian Gulf. More than 30% of its 4,865 miles boundary is seacoast. The capital is Tehran.

Economy, Population and Demography: A growing market economy. The population is 58 million in 1991 with the growth rate of 3.2%.

Language of Instruction: Persian

Educational System: The educational system comprises of conventional educational system and distance educational system. The conventional educational system consists of general education from pre-school to higher education while the distance education system is presently available in higher education. There are more than 60 national and private universities with 73 new institutions which are being established. All universities are under the Ministry of Culture and Higher Education while medical universities, since 1986, have been under the Ministry of Health, Treatment, and Medical Education.

Communication Infra-structure: Iran has efficient communication media and postal service, but telephone is not yet generalized in the rural areas.

OVERVIEW OF DISTANCE EDUCATION:

Distance education in Islamic Republic of Iran started in 1971 with the establishment of a correspondence school at Abooreihane Birooni University and then expanded into two schools. In 1977, the Azad University of Iran was founded as a distance education institution of higher learning. However, in 1980, all scientific activities of the distance education system were terminated. All distance education students were transferred among existing conventional universities and higher educational institutions. In 1987, a distance education university, Payame Noor University (PNU), was established providing programmes leading to Bachelor's degrees.

Factors Leading to Establishment of Distance Education Programmes: Limited capacities in conventional higher learning institutions to absorb the number of secondary school graduates. In 1990, the national rate of admission to all state and private universities was 25% of the total applicants who sat for the National Entrance Examination. Of the 6.95 million of population aged 18-24, only 452,000 students are currently enrolled in existing colleges and universities.

Year of Establishment: 1987 by the establishment of Payame Noor University after the Islamic Revolution.

Media for Distance Education: Printed self-instructional course materials and books supplemented by videocassette.

Sources of Financial Supports: Mostly from the national budget (50%), students' tuition fees, donations from private firms and individuals, and profits from the sales of teaching materials. In 1991, approximately the annual budget for distance education was US $19.87 million (using the competitive rate of $1=600 Rials).

Trends of Development in Distance Education: Increasing

Legal Status: The legal status of distance education in the Islamic Republic of Iran was approved in the Supreme Council of Cultural Revolution, the 94th Session (November 18, 1986) and the 97th Session (December 16, 1986). For the Payame Noor university, the Fundamental Law of Payame Noor University was enacted by the 99th and 100th joint sessions of the Commissions of the Revolutionary Council of Cultural Revolution on November 22, 1988 and November 29, 1988 respectively.

Aims: The aims and objectives of the distance education university, are generally: (1) To provide cultural and scientific qualification of the society. (2) To offer a chance to people who live in remote areas and have no way of improving and continuing education. (3) To create opportunity for the people with family and work commitments who are unable to further their studies at conventional universities. (4) To accelerate the economic and social development by means of cultural revolution.

Control and Management: As a national establishment under the Ministry of Culture and Higher Education, the PNU is controlled by three main bodies: the Board of Trustees presided over by the Minister, the Council of the University, and Chancellor of the University. The Chancellor is nominated by the Minister and approved by the Supreme Council of

Cultural Revolution. The Chancellor is assisted by four Vice-Chancellors for Academic Affairs, Administration and Financial Affairs, Research, and Students' Affairs.

Instructional System: The PNU employs (1) self-instructional course materials, printed correspondence texts and/or books as references, (2) face-to-face tutoring at study centres, (3) face-to-face counselling at study centres, (4) television programmes and videocassette for basic courses, (5) practical work at study centres or cooperating conventional universities. Students have to sit in mid-term examinations, submit projects and/or take-home assignments, and take the final written examinations.

Geographical coverage: Nation-wide coverage through currently 62 active study centres and 25 study centers to be completed as of 1992.

Research Activities: Still limited as the PNU is new. However, a Vice-Chancellor in Research was appointed to conduct both academic and institutional research for the University development.

Enrollment and Graduates in Distance Education Programmes: Since 1988, approximately 51,958 students have been enrolled at the PNU. The enrollment increased from the initial intake of 8,118 in 1988/89 to 24,616 in 1991/92. There have not yet been any graduates from the PNU.

International Affiliation and Cooperation: The PNU is a member of Asian Association of Open Universities (AAOU). The PNU also has a close cooperation with UNESCO for assistance and facilitation of educational and professional resources.

Problems and Constraints: The need to maintain quality of the delivery system and to overcome the deficiency of the budget and the shortage of faculty staff.

LIST OF DISTANCE EDUCATION INSTITUTIONS:

*1. Abooreihane Birooni University's Correspondence School (Established in 1971 with 1,779 Certificate level graduates and 1,305 Bachelor of Science graduates. The school was closed in 1980)

*2. Azad University of Iran (Established in 1977, also terminated in 1980 without any graduates)

3. Payame Noor University

**Survey data not included*

PAYAME NOOR UNIVERSITY (PNU)
MINISTRY OF CULTURE AND HIGHER EDUCATION

INSTITUTIONAL DATA

Year of Establishment: 1987

Name of Head: **Dr. Hassan Zohoor**
Position: *Chancellor*
Address: Lashkarak Road, P.O. Box 19395-4697
Tehran, Islamic Republic of Iran

Telephone: (9821) 280925
Telex: 212889 IRDC IR
Fax: (9821) 288511

Nature of institution: Distance teaching institution only

Educational levels provided for DE programmes: First Degree: Bachelor's Degree

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor of Art	First degree
2. Bachelor of Science	First degree.

Governance: A national establishment under the Fundamental Law of the Payame Noor University of 1987.

Objectives: 1. National development: For achieving an integrated and coherent nation, enhancing the level of education, and helping to build society.

2. Life-long recurrent education: For providing self-education and a continuous learning opportunity in cultural or technological development for adults after basic education.

3. Expansion of educational opportunity: For expanding educational opportunities for secondary school graduates.

4. Equality of educational opportunity: For ensuring the right to education in all forms for all citizens.

5. Teacher Education and Training: For upgrading school teachers' knowledge and skills in new curricula and teaching methods.

6. Personal development: For developing individual capacities in order to assist the individual reach his/her personal goals.

7. Economic development: For collective economic and technical development.

8. Cost-effectiveness: For providing education at a lower cost than full-time formal education.

9. Compensatory nature: For providing compensatory education and literacy programmes for those who have not received formal basic education.

10. Vocational development: For developing individual career and vocational capacities in order to assist the individual find a place in the economy that he/she desires.

Sources of financial support of DE programmes:

Tuition and Fees:

1. Students are required to pay US$33.0 in tuition charges per semester and US$3.30 per credit.

2. Sales profits from teaching materials and income from providing professional services to other institutions support students' fees.

3. Subsidies/donations from private persons, bodies, or foundations.

4. National budget.

Budget:
Approximate annual national budget for distance education of this institution for 1991 was US$ 19,868,417.
(There are three rates for currency exchange: Official rate: US$1=65 Rials, Competitive rate: US$1=600 Rials, and Floating rate: US$1=1,350 Rials approximately.)

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Local study centres
Telecommunication equipment
Study materials and textbooks
Teaching force
Variety of courses offered
Broadcasting programmes

Audio-visual media
Face-to-face sessions
Library resources

Decreased: None

Trends of enrollment in DE Programmes: Increasing

Number of current DE students: Approximately 51,958

Number of annual intake of DE students: Approximately 24,616 in 1991

Number of students currently enrolled in each DE level:

Level of Education	Enrollment Figure
First degree	51,958

Number of annual DE graduates: None, since it is a newly established university.

Accumulative number of DE graduates: None, since it is a newly established university.

Components of personnel in DE: All faculty members are full-time employees.
A mix of full-time and part-time faculty staff. Faculty members share their work duties between a conventional university and the distance education institution.

Number of full-time staff:
Academic: 228
Supporting: 1,044
Total: 1,272

Number of part-time staff:
Academic: 1,412
Non-academic: 3
Total: 1,415

Number of courses and programmes:
Number of courses offered: 276
Number of programmes offered: 14 (ten of which also lead to teacher training programmes)

Production of teaching materials/media: Teaching materials and media are produced by the Bureau of Course Production (Academic staffs, illustrators, editors, and educational technologists). Teaching materials are produced by a team of experts. The stages are (1) Develop course syllabus for approval by the High

Council of Planning affiliated with the Supreme Council of Cultural Revolution; (2) Design of formats and course component by the Bureau of Course Production; and (3) Produce self-instructional materials by academic staff, educational technologists, illustrators, editors, and designers.

Regional/Study Centers: Available

Number of regional and local study centers: 62

Operators of these centers: Run by Deans appointed by the Chancellor of the PNU

Sources of financial support: The sources of financial supports are from the National Budget and students' tuition fees.

Major functions of these centers: Major functions of these centers are: Registration, distribution of course materials, running tutorial sessions, examinations, counselling, face-to-face teaching, and administrative affairs.

Overall Student Profile:

Age distribution:

Years:	*Proportion* (%)
Under 21	8.61
Between 21-30	64.38
Between 31-40	25.16
Between 41-50	1.62
Between 51-60	0.03
Over 61	-
Not indicated	0.20
Total:	100.0

Gender distribution:

Sex:	(%)
Male	67.00
Female	33.00
Total:	100.0

Income Level: Data not available

Geographical distribution: Data not available

Occupational and Ethnic Composition of DE Students: *Ethnic Composition:* Out of 62 study centres, 2 are in Balooch area, 4 are in Kordish area, 3 are in Lor area, 1 is in Torkish area and 7 are in Turkish area.

Occupational distribution: 60.75% of the students are government employees.

Future development: Possible distance education development in the next 5-10 years are: (1) To establish 6 new study centres and three new programmes in 1992; (2) To increase the number of degree programmes and study centres during 1993-96.

Major obstacles for implementing distance education: The shortage of self-study materials.

Affiliation with regional and international DE organizations:
AAOU (Asian Association of Open Universities)
UNESCO (United Nations Educational, Scientific, and Cultural Organization)

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:
List of Programmes:
First degree programme

PROGRAMME : *FIRST DEGREE PROGRAMME*

Level: First Degree.

Titles of programmes offered in this level:
1. Bachelor of Arts.
2. Bachelor of Science.

Courses or programmes of instruction:

Commercial and Management Studies:
Accounting
Public administration

Languages and Literature:
*English language
*Literature: Persian literature

Educational Studies:
Education

Humanities:
*Islamic theology
Psychology

Physical Science:
*Chemistry
*Geological sciences
*Applies physics

Biological Science and Technology:
*General biology

Mathematics:
*Mathematical sciences

Social Sciences:
*Geography
*Social sciences

* *These programmes also lead to First Degree in teacher training.*

Length of course:	*Minimum number of study hours per week per course*: 1-4 hours. *Total number of weeks per course:* 17 weeks. *Total number of courses making up programmes:* Approximately 50 courses (142-146 credits).
Media and methods:	*Most dominant:* Printed texts Face-to-face tutoring Face-to-face counselling Regional services Study centers Weekend schools. *Dominant:* Practical work Television programmes. *Least dominant:* Audio-cassettes Kits.
Language of instruction:	Persian.
Admission requirements:	Before entering the distance education program, the student must meet the following admission requirements: (1) Holding a high school diploma, and (2) passing a competitive entrance examination and gain a minimum required grade, and (2) Completed high school diploma.
Number of students:	51,458.
Annual intake of DE students:	24,616.
Evaluation system:	
Continuous assessment:	Written assignments for submission (25%) Written intermediary examinations Attendance of regular lab sessions at the other institution Attendance at the local study centre.
Final course assessment:	Written final examinations (75%).

Educational and employment arrangements for graduates: No educational and employment arrangement but upon completion of their degree programmes, employed students will be promoted by their employers, and those seeking jobs will be employed at a higher position.

Profile of students in this level:

By Educational Background:	Proportion (%)
Secondary/High school leavers :	100.0
Total:	100.00

By Employment:	(%)
Full-time public employees:	61.0
Private employees or non-employees:	39.0
Total:	100.00

By types of career: Data not available

By gender:	(%)
Male:	67.0
Female:	33.0
Total:	100.00

Acceptance of final award, certificate, and degree: The final Bachelor's degree awarded by this institution is accepted as equal to a comparable award given by a non-distance education institution.

SURVEY OF DISTANCE EDUCATION IN JAPAN

COUNTRY PROFILE

Japan is an island nation in East asia. While her natural resources are scarce, her highly advanced technology and well trained labor force make her a leading industrial country in the world. Education is highly developed. Distance education has had a long history in Japan and its recent development is supported by the nation's highly advanced technology such as satellite, computers, and other multimedia equipment. Distance education is currently regarded as an integral part of life-long education.

Economy, Population and Demography: A market economy. Japan is one of the most economically and technologically developed and wealthiest industrialized countries. The per capita income in 1987 was US$ 18,270--the world's largest. Its economy is characterized by a typical manufacturing production and trades: importing natural resources and exporting manufactured products. The national budget for the fiscal year of 1990 is set at 66,237 billion yen(US$ 510 billion), with a share of 7.2% in education. With the population of 120 million in 1990, Japan is a populous country within a limited area of the land. In terms of ethnicity, Japan is a very homogeneous country. The age group of 18 seeking for higher education is about 2 million. It tends to decrease for the next decades.

Language of Instruction: Japanese.

Educational System: Japan's educational system consists of formal and non-formal education. The formal education is 6:3:3 comprising six-year Primary education, three-year Lower secondary education, three-year Upper secondary education, and higher education. Compulsory education is nine years from primary to lower secondary education. Although upper secondary education is not compulsory, almost all graduates from lower secondary school continue to the upper secondary school. The higher education consists of technical college (three-year upper secondary education and 2 year post secondary education), two-year colleges, four-year universities, and graduate schools. There are also special training schools at the post-secondary level enrolling about one tenth of new high school graduates annually. Non-formal education attracts a great number of people due to the variety of non-formal educational programmes. Distance education is used for imparting formal and non-formal education by many educational institutions.

Communication Infra-structure: Japan has one of the most highly advanced communication infra-structure. Not only traditional ways of communication such as postal service and printing, but also nation-wide coverage of telecommunication system: radio broadcasting (both FM and AM), TV broadcasting (VHF, UHF, and satellites), computer networks, telephone, and facsimile. Almost all house-holds have the access of telephone, radio receivers, audio-cassette recorders, TV sets, and video equipment.

OVERVIEW OF DISTANCE EDUCATION:

Distance education in Japan may be dated back to the late 19th century when the correspondence education through lecture notes was developed both at the secondary and higher education levels. In 1930's, 200 kinds of correspondence lecture notes, with the number as high as 1,200,000 copies, were published and mailed to the students. Although those correspondence courses were not regarded as a part of formal education, they provided the opportunities to a large number of people to learn at distance. However, the full development of distance education did not begin until after the World War II, when the Fundamentals of Education Act and the School Education Act were enacted in 1947. Such a legal environment encouraged some high schools and higher education institutions to establish correspondence education programmes to open educational opportunity to the public at large. The most recent development of distance education was the establishment of the University of the Air in 1981 which enrolled the first group of students in 1985. This new type of higher education institution use broadcasting as a major medium to provide education supplemented by print media, schooling, and audio-visual materials.

Factors Leading to Establishment of Distance Education Programmes: (1) The need to provide the equal educational opportunities to people, especially to working youth. High school and university were expected to open their doors widely by using distance education methods; (2)The demand of business and industries for the re-train of working adults so as to increase their productivity and quality of their work without the interruption; (3) The need for achieving a democratic society; and (4) Individual demands for a better and richer cultural life.

Year of Establishment: 1947, with the enactment of the Fundamentals of Education Act and the School Education Act which officially approved the estagblishment of the correspondence education programmes. Keio University and Hosei University began offering correspondence education courses in 1947, followed by Chuo University (1948), Nihon University and Japan Women's University (1949). By 1990, there are totally 107 educational institutions (12 four-year universities, 9 two-year colleges, 84 high schools, and two junior high schools) providing correspondence education programmes including the newly established the University of the Air, Japan's first independent, single-mode distance education institution operated by the University of the Air Foundation.

Media for Distance Education: For correspondence courses in high schools, colleges and universities, printed materials are core-media. For the University of the Air, TV and radio broadcast are used as core-media supplemented by face-to-face sessions and printed textbooks.

Sources of Financial Supports: For private institutions providing correspondence courses, sources of financial supports are mainly from students' fees and partly subsidized by the government. In 1983, for example, all correspondence institutions had a total revenue of 8,138 million yen (US$ 62.6 million) about 11% of which was from the government subsidies. The average revenues for DE programmes in 4-year universities and in 2-year college DE programmes are 678 million yen (US$5.2 million) and 373 million yen (US$2.9 million) respectively. The University of the Air 's revenue for 1990 was 8,709 million (US$ 67 million) about three quarters of which comes from the government subsidies.

Trends of Development in Distance Education: On the up-ward trend. The University of the Air, for example, is expanding its coverage from around Tokyo to nation-wide via satellite broadcast. In 1990, about 200 students are enrolled in correspondence course in two lower secondary schools, about 167,000 in 84 upper secondary schools, about 32,000 in 9 two-year colleges, and 105,000 in 12 four-year colleges/universities, in addition to about 30,000 students at the University of the Air.

Legal Status: All correspondence education programmes in conventional institutions were established according to Articles 45 for upper secondary school and Article 54-2 for colleges/universities of the School Education Act. The programmes were set forth in accordance to the University Correspondence Education Standard defined by the University Accreditation Society. Also, The University of the Air was established by the Law of The University of the Air of 1981.

Aims: For Correspondence education programmes: (1) to open the gates to a university education to the public at large, bring democracy and equal opportunity to education; (2) achieve open university education; and (3) play a social education role by opening the whole or a part of a university course to the public, irrespective of admission qualifications.

For the University of the Air: (1) to provide working people and housewives with the chance for a college education; (2)to provide an innovative and flexible system of college education which is open to all high school graduates; and (3)to cooperate with existing universities and make full use of the latest knowledge and newest educational technology in order to offer a system of higher education which meets contemporary needs.

Control and Management: All distance education institutions in Japan are private. DE programmes are controlled by each conventional institution in which the correspondence education division/centre was established. All correspondence institutions are member institutions of the All Japan Association of Private Universities Correspondence Education (AJAPUCE). The University of the Air is a special corporation, semi-national institution, controlled by the University of the Air Foundation, established under a special law passed by the Diet.

Instructional System: Correspondence education students learn from printed textbooks mailed to them via mail. They have to attend a series of required face-to-face sessions, according to the number of units taken. For instance, for a BA degree, out of 128 units for requirement, over 30 units must be taken from face-to-face sessions, while for an Associate degree, out of 62 units for requirement, over 15 units are required from face-to-face sessions. Students have to study from other forms of supplementary media as well. Students of the University of the Air study from TV and radio broadcast programmes and from the supplementary media such as printed textbooks and AV materials. UA students are also required to attend face-to-face sessions. In 1991, 155 courses are broadcast by TV and 144 by radio. Out of 128 units required for a BA degree, 17 units must be taken from face-to-face sessions. At the end of the semester, students have to take the final examinations conducted at the various study centres.

Geographical coverage: Nation-wide coverage through the various correspondence courses provided by the members of the AJAPUCE operating in all prefectures. The University of the Air's broadcast programmes presently covers only the Kanto area. Ten prefectures outside the Kanto area are provided through video-study centers. The plan is underway for the UA to make use satellite broadcasts to expand its educational programmes to cover whole the country.

Research Activities: Research activities, especially on DE media and delivery systems, are undertaken by the National Institute of Multimedia Education under collaboration with colleges and universities including the University of the Air. The on-going research activities being conducted include (1) Research and development of production of educational materials; (2) Academic evaluation and testing in distance education; (3) Audio-visual resources for distance education; (4) Historical and comparative study on distance education; (5) Educational use of satellite; and (6) Survey on social need for higher education.

Enrollment and Graduates in Distance Education Programmes:

In 1990, approximately 200 students were enrolled in correspondence courses in two lower secondary schools, 167,000 in upper secondary schools, and 167,000 in higher education level (32,000 in 2-year colleges, 105,000 in 4-year colleges/universities, and about 30,000 in the University of the Air). The ratio of enrollment in distance education program for non-distance education programmes is about 2% both at upper secondary and higher education levels. Generally, the enrollment in DE programmes is increasing, for instance, the student number at the University of the Air was increased to 34,909 in 1991.

The number of graduates from correspondence education programmes at upper secondary education level in 1990 was 25,659, and 8,934 graduates from higher education level (2,698 from 4-year institutions, 5,519 from 2-year institutions, and 717 from the University of the Air). The accumulated number of graduates from correspondence education program at higher education level reached 100,000, while that of the University of the Air until the end of 1990 was 1,322.

International Affiliation and Cooperation:

The University of the Air is a member of the Asian Association of Open Universities.

Problems and Constraints:

Difficulties of DE institutions in (1) balancing the two goals of DE: i.e to provide, and life-long education; (2) estimating effect of education through broadcasting vs. media mix; (3) studying effect of correspondence guidance; (4) teaching technology courses through TV broadcasting; (5) arranging face-to-face sessions (i.e finding places for the sessions and providing the accommodation for students in correspondence education programmes, and (6) acquiring social recognition of degree awarded though distance.

LIST OF DISTANCE EDUCATION INSTITUTIONS:

1. The University of the Air
2. Bukkyo University
3. Chuo University
4. Hosei University
5. Japan Women's University
6. Junior College of Musashino Art University
7. Kawasaki College of Applied Health Professions
8. Keio University
9. Kinki University
10. Kinki University Toyooka Junior College
11. Meisei University
12. Naniwa College
13. Nihon University
14. Sanno Junior College
15. Soka University
16. Tamagawa University.

UNIVERSITY OF THE AIR

CHIBA CITY, CHIBA.

INSTITUTIONAL DATA

Year of Establishment: 1983.

Name of Head: **Shinya OBI**
Position: *President and Professor*
Address: 2-12 Wakaba
Mihama-Ku, Chiba-Shi
Chiba-Ken 260, JAPAN.
Telephone: **81-43-276-5111**
Fax: **81-43-276-6229**

Nature of institution: Distance teaching only.

Educational levels provided for DE programmes:
1. Undergraduate
2. Community education.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor's degree	Undergraduate
2. Community education	Undergraduate

Governance: An institution administered and run by The University of the Air Foundation, a non-profit organization, and it is financed mainly by the government.

Objectives:
1. Providing degrees
2. Expansion of educational opportunity.

Sources of financial support of DE programmes: *Tuition Fees:* The student pays all tuition expenses for the amount of US$25.00 per unit or US$3,200.00 for a four-year programme.

Budget: Yen 8,709 million (US$ 67.00 million) for 1990.
Yen 9,584 million (US$ 73.75 million) for 1991.

Trends of development of DE resources and activities: *Expanded:* All categories.

Trends of enrollment in DE Programmes: Increasing (e.g from 30,000 in 1990 to 34,909 in 1991).

Number of DE students: Current number of students: 29,794
Annual Intake: Data not available.

Number of students in each DE level:

1. Regular Degree Student	21,092
2. One-year Non-Degree Student	4,926
3. One-term Non-Degree Student	2,000
4. Special one-year Student	932
5. Seminar Student	77
6. Cross-Registered Student	767

Number of DE graduates:

1989 March	544	1989 September	61
1990 March	602	1990 September	115
1991 March	629		

Accumulative: 1,951.

Components of personnel in DE: A mix of full-time and part-time faculty members.

Number of Staff: Full-time: 269 (Academic: 51;Non-academic: 218)
Part-time: 222 Academic.

Number of Courses and programmes: Number of courses offered: 295
Number of programmes offered: 2

Production of teaching materials/media: Broadcast programmes are prepared by instructors and programme directors at the National Institute of Multi-Media Education (NIME) and academic staff of the University of the Air. Printed materials are prepared by instructors. Stages of production based on lectures, instructors discuss with directors, then produce broadcasting programmes. Printed materials are written by appointed instructors.

Regional/Study Centres: Available: 8 study centers and 10 video study centers
Operator: The University of the Air.
Source of financial supports: From the university revenue.
Major functions: (1) Providing tutorial session, and (2) Providing examination.

Overall student Profile:

Income: *Level:* Data not available.

Age:

Years:	(%)
Under 21	-
Between 21-30	06.7
Between 31-40	29.4
Between 41-50	22.1
Between 51-60	11.7
Over 60	07.3
Total:	100.0

Gender:

Sex:	(%)
Male	50.1
Female	49.9
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	85.6
Rural	14.4
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Japanese 99.4%; Non-Japanese 0.6%.

Occupational Composition:	(%)
Businessmen	29.9
Unemployed/housewives	25.2
Public Officials	11.6
Self-employed	02.7
Free-lance, Professions	02.5
Farmers	00.5
Teachers	02.3
Others	25.3

Future development: Within the next 5 years, the University plans to expand coverage areas nation-wide through local study centers in all prefectures.

Major obstacles for implementing DE programmes: (1) Keeping balance the two goals of providing degrees and life-long education; (2) Estimating effect of education through DE approach i.e. broadcasting, printed materials and media mixed materials; (3) Finding out the effectiveness of correspondence guidance; and (4) Setting up the system to teach technology courses through TV broadcasting.

Affiliation with regional and international DE organizations: AAOU.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. Bachelor's degree
2. Community education.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMME*

Level: Undergraduate.

Title: Bachelor of Liberal Arts.

Courses of instruction:

Architecture and planning
Housing
Town Planning and Urban Studies.
Commercial and management studies:
Accountancy/Bookkeeping
Business administration
Finance
Management
Marketing
Industrial relations.
Humanities:
Contemporary and cultural studies
History: national, world, regional(European, American, Asian)
Philosophy
Humanities
Psychology.
Languages and literature:
Linguistics
Languages: English, German, French, Chinese, Russian, Spanish
Literature: Japanese, Chinese, English, American, German, French, Russian
Educational Studies:
Educational psychology
Child psychology and counseling
Pre-school education
Youth and Community education
Educational testing and evaluation
Educational History.
Engineering and technology:
Civil engineering
Computer technology, programming
Construction and environmental engineering
Electrical, electronic and micro-electronic
Materials science and metallurgy
Industrial engineering.

Physical Science:
Chemistry
Food science and technology
Physics.
Biological Science and Technology:
General Biology and life sciences
Environmental studies.
Medical and Health Sciences:
Health studies.
Mathematics:
Information technology
Mathematical sciences
Statistics
Law:
Crime and Criminal Law
Commercial Law
Jurisdiction Law
International Law
Labor Law
Economic Law
Family Law.
Social Sciences:
Careers guidance and counseling
Economics
Government and Politics
Social Studies/Civics
Sociology
Youth and Community Studies.
Home economics.

Length of course: *Minimum number of study hours per week per unit:* 3 hours. (A standard way of learning consists of taking lectures through broadcast for 45 minutes 7 times a week per course, plus reading 45 to 60 pages textbook.)
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 307 courses.
(The minimum requirement for B.A. degree is 124 units--17 units from attending tutorial sessions and 6 units from thesis.)

Media and methods: *Most dominant:*
1. Printed correspondence texts;
2. Radio via a designated channel
3. Television via a designated channel
4. Face-to-face tutoring
5. Study centers

Dominant:
1. Audio cassettes
2. Video cassettes

3. Practical work

Language of instruction: Japanese.

Admission requirements:
1. Completed high school level of general education;
2. Be over 18 years old.

Number of students:
Current number of students: 29,794
Annual Intake: Data not available

Evaluation:
Continuous:
1. Written assignments for submission
2. Attendance at the local study centre

Final:
1. Written final examinations

Profile of students in this level:

	Proportion (%)
By Educational Background:	Data not available.
By Employment:	(%)
Full-time public employees:	11.6
Full-time private employees:	29.9
Part-time employees:	-
Total:	100.0
By types of career:	(%)
In-service trainees:	02.3
Housewives+Retired:	25.2
Total:	100.0
By gender:	(%)
Male:	50.1
Female:	49.9
Total:	100.00

Acceptance of certificate, diploma, and degree: Information not available.

DIVISION OF EDUCATION BY CORRESPONDENCE
BUKKYO UNIVERSITY, KYOTO.

INSTITUTIONAL DATA

Year of Establishment: 1953.

Name of Head: **Yuishin ITOU**
Position: *President,* Division of Education by Correspondence
Address: 96 Murasakinokita-Hananoboucyou,
Kita-Ku, Kyouto-Shi, Kyoto, 603, JAPAN
Telephone: **81-75-491-0239**
Fax: **81-75-493-9041**

Nature of institution: Conventional institution with distance education division.

Educational levels provided for DE programmes:

1. Undergraduate
2. Continuing education
3. Community education.

Titles and levels of DE programmes:

Title	*Level*
1. First Degree	Undergraduate
2. Continuing education	Undergraduate
3. Community education	Undergraduate.

Governance: A private, commercial establishment.

Objectives: To achieve the equality and educational opportunities at the higher education level, the correspondence education division was established. Generally, the objectives of the programmes are addressed to the following areas:

1. National development
2. Equality of educational opportunity
3. Life-long recurrent education
4. Personal development
5. Vocational development
6. Cost-effectiveness
7. Transition to conventional higher education institutions
8. Religious and moral awareness
9. Teacher Education and Training
10. Vocational training.

Sources of financial support of DE programmes:

Tuition Fees: The student pays all tuition expenses for the amount of US$830.

Budget: Annual budget for 1990 was US$1.2 million. Subsidies from the government was US$0.08 million.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Distance education programmes
Local Study centers
Telecommunication equipment
Study materials and textbooks
The teaching force
Variety of course offered
Audio visual aids
Face-to-face sessions
Library resource.
Decreased: None.
Stable: None.
Not applicable:
Broadcasting programmes.

Trends of enrollment in DE Programmes:

Increasing.

Number of DE students:

Current number of students: 21,612
Annual Intake: 13,000.

Number of students in each DE level:

1. Regular Student	14,698
2. Non-Degree Student	512
3. Single-subject student	5,982
4. Special Student	380
5. Others	40

Number of DE graduates:

1985	374	1986	465
1987	494	1988	448
1989	511	1990	637

Accumulative number of DE graduates: 9,400.

Components of personnel in DE:

A mix of full-time and part-time faculty members. There are full-time faculty members who teach only correspondence courses and who share their work duties between a conventional university and the distance education institution. In addition, there are part-time lecturers who work for other colleges/universities.

Number of Staff:

Full-time: 184 (Academic: 144;Non-academic: 40)
Part-time: 612 (Academic: 611;Non-academic: 1)

Number of Courses and programmes:

Number of courses offered: 364
Number of programmes offered: 3.

Production of teaching materials/media:

Printed materials are prepared by full-time teaching staff.
Stages of production are:

1. Each department discusses, decides on the need for renewal of materials, and decides authors;
2. Committee of Academic Affairs approves the renewal plan then request the authors to write texts;
3. The completed manuscripts are sent to printer shops;
4. The completed materials are approved by the Committee of Academic Affairs.

Regional/Study Centres:

Available: 20 study centers. The university uses both public and private facilities as study centers on a temporary basis.
The sources of financial supports are from the university revenue.
Major functions of the study centres are (1) Providing tutorial session; (2) Providing counselling services; and (3) Providing examination.

Overall student Profile:

Age:

Years:	(%)
Under 22	19.0
Between 23-29	32.0
Between 30-39	26.0
Between 40-49	16.0
Between 50-59	05.0
Over 60	02.0
Total:	100.0

Gender:

Sex:	(%)
Male	40.0
Female	60.0
Total:	100.0

Income:

Level:	(%)
Top	Data not available.
Middle	
Bottom	
Total:	100.0

Geographical distribution:

Areas: (%)	
Urban	Data not available.
Rural	
Total:	100.0

Occupational and Ethnic Composition of DE Students:

Ethnic Composition: Mostly Japanese. There are some Korean or Chinese students born in Japan, and other foreigners.

Occupational distribution:	(%)
Full-time student (including housewives)	32.0
Employed by private companies	15.0
Public Officials	09.0
Teachers	22.0
Free-lance, Professions	14.0
Self-employed	03.0
Others	05.0

Future development: Establishment of Department of Applied Sociology is planed.

Major obstacles for implementing DE programmes: Data not available.

Affiliation with regional and international DE organizations: All Japan Association of Private Universities Correspondence Education.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:

1. Bachelor's degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMME*

Level: Undergraduate.

Titles: Bachelor of Arts in Literature
Bachelor of Sociology.

Courses of instruction: *Commercial and management studies:*
Industrial Psychology.
Humanities:
Archaeology
History: Asian, Chinese, Western, Culture
Philosophy
Theology
Psychology
Other: Folklore, Ethics, Buddhism
Languages and literature:
Linguistics
Languages: English
Literature English-American, Japanese, Chinese, Buddhism
Educational Studies:
Educational psychology
Child psychology and counseling
Language, reading and communication
Mathematics education
Pre-school education
Elementary education
Adult learning
Science education
Technology Education
Youth and Community education.
Communications:
Journalism
Film
Television
Museography.
Creative Arts:
Fine Art, Art History.
Physical Science:
Geological sciences
Physics.
Medical and Health Sciences:
Health studies

Nursing
Public health and administration.
Social Sciences:
Economics
Government and Politics
Social Studies/Civics
Social Work
Sociology
Industrial Sociology, Urban Sociology, Rural Sociology.
Services and Hospitality Science:
Library and information studies.

Length of course:
Minimum number of study hours per week per credit: 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 364 courses.
For Bachelor's degree, 30 credits from attending tutorial sessions and 98 credits from studying correspondence courses are required.

Media and methods:
Most dominant:
1. Printed correspondence texts
2. Face-to-face tutoring
3. Counselling by telephone
4. Counselling by mail.

Dominant: Audio-cassette
Least dominant: None.

Language of instruction:
Japanese.

Admission requirements:
1. Completed high school level of general education;
2. Be over 18 years old.

Number of students:
Current number of students: 21,612
Annual Intake: App. 13,000.

Evaluation:
Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Attendance at the local study centre
4. Attendance of regular workshops/seminars at the other institution.

Final assessment:
1. Written final examinations (12 times a year)
2. Final practical examinations.

Acceptance of certificate, diploma, and degree:
Data not available.

CORRESPONDENCE EDUCATION DIVISION
CHUO UNIVERSITY, TOKYO.

INSTITUTIONAL DATA

Year of Establishment: 1948.

Name of Head: **Satoru OSANAI**
Position: *Dean*,Correspondence Education Division
Address: 742-1, Higashinakano,
Hachioji-Shi, Tokyo, 192-03, JAPAN
Telephone: **81-426-74-2341-6**
Fax: **81-426-74-2348**

Nature of institution: Conventional institution with distance education division.

Educational levels provided for DE programmes:
1. First Degree.
2. Community education

Titles and levels of DE programmes:

Title	*Level*
1. First Degree	Undergraduate
2. Community education	Undergraduate.

Governance: A private, commercial establishment.

Objectives: Generally the objectives of the programme cover the following areas:
1. Equality of educational opportunity
2. Cost-effectiveness
3. Personal development
4. Life-long recurrent education
5. Vocational development
6. National development.

Sources of financial support of DE programmes: *Tuition Fees:* The student pays all tuition expenses for US$615.00.
Budget: Approximate annual budget for 1990 was US$5.35 million.
Subsidies from the government was US$0.40 million.

Trends of development of DE resources and activities: *Expanded:*
Local Study centers
Telecommunication equipment
Study materials and textbooks

The teaching force
Face-to-face sessions
Library resources.
Decreased: None.
Stable:
Financial provision
Distance education programmes
Variety of course offered
Audio visual aids
Broadcasting programmes.
*Not applicable:*None.

Trends of enrollment in DE Programmes: Stable.

Number of DE students:
Current number of students: 6,101.
Annual Intake: Data not available

Number of students in each DE level:

1. Regular Student	5,989
2. Non-Degree Student	-
3. Single-subject student	47
4. Special Student	65

Number of DE graduates:

1985	217	1988	252
1986	209	1989	245
1987	250	1990	219

Accumulative number of DE graduates: 13,226.

Components of personnel in DE: A mix of full-time and part-time faculty members. Full-time faculty members carry the work loads of both the conventional and the DE programmes. Part-time faculty members are teaching academic staff from other colleges/universities.

Number of Staff:
Full-time: 110 (Academic: 89; Non-academic: 21)
Part-time: 171 (Academic: 164;Non-academic: 7)

Number of Courses and programmes:
Number of courses offered: 58
Number of programmes offered: 2

Production of teaching materials/media: Printed materials are prepared by full-time teaching staff mainly in faculty of Law.

Regional/Study Centres: Available. 26 centres. The centres belong to both public and private and are used temporarily. The sources of financial supports are from the university revenue and students' fees. Major functions are (1) Providing tutorial session, and (2)Providing counselling services, (3) Providing examination, (4) Providing seminars.

Overall student Profile:

Age:	*Years:*	(%)
	Under 22	41.0
	Between 23-29	36.6
	Between 31-39	13.5
	Between 40-49	06.3
	Over 50	02.6
	Total:	100.0
Gender:	*Sex:*	(%)
	Male	76.4
	Female	23.6
	Total:	100.0
Income:	*Level:*	
	Top	Data
	Middle	not
	Bottom	available.
	Total:	100.0
Geographical distribution:	*Areas:*	(%)
	Urban	Data not
	Rural	available.
	Total:	100.0

Ethnic and Occupational Composition of DE Students: *Ethnic Composition*: Mostly Japanese. There are 20 Korean or Chinese students born in Japan, and one other foreign student.
Occupational Composition: Data not available

Future development: Under discussion but not yet specified.

Major obstacles for implementing DE programmes: Problems in arranging face-to-face sessions, e.g. finding the venues and students' accommodations.

Affiliation with regional and international DE organizations: All Japan Association of Private Universities Correspondence Education.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:

1. Bachelor's degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMME*

Level: First Degree.

Titles: Bachelor of Law.

Courses of instruction:
Commercial and management studies:
Finance
Humanities:
History:Japanese, Western Europe, Foreign Affairs
Philosophy
Psychology
Logic.
Languages and literature:
Languages: English, German, French
Physical Science:
Chemistry
Geological sciences.
Biological Science and Technology:
General Biology and life sciences.
Medical and Health Sciences:
Health studies
Public health and administration.
Mathematics:
Statistics.
Law:
International Law
Criminal Law
Commercial Law
Jurisdiction Law.
Social Sciences:
Economics
Geography
Government and Politics
Sociology.

Length of course:
Minimum number of study hours per week per credit: 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 58 courses.

Media and methods:
Most dominant:
1. printed correspondence texts;
2. face-to-face tutoring
3. Computer

	4. Counselling by telephone 5. Counselling by mail. *Dominant:* Audio-cassette *Least dominant:* Video
Language of instruction:	Japanese.
Admission requirements:	1. Completed high school level of general education; 2. Be over 18 years old.
Number of students:	Current number of students: 6101 Annual Intake: Data not available
Evaluation: *Continuous assessment:*	1. Written assignments for submission 2. Written regular tests 3. Oral examinations 4. Attendance at the local study centre 5. Attendance of regular workshops/seminars at the other institution
Final assessment:	1. Written final examinations(4 times a year) 2. Final practical examinations(once a year) Manuals for writing a B.A thesis is provided.
Acceptance of certificate, diploma, and degree:	Yes. Students in the Division of Correspondence Education have clear purposes to learn and study very hard. Consequently, the graduates from our programme receive very high social recognition.

DIVISION OF CORRESPONDENCE EDUCATION
HOSEI UNIVERSITY, TOKYO.

INSTITUTIONAL DATA

Year of Establishment: 1947.

Name of Head: **Tsuneo SEKIGUCHI**
Position: *Chief*, Correspondence Education Division
Address: 2-23, Ichigaya Tamachi,
Shinjuku-Ku, Tokyo, 162, JAPAN
Telephone: **81-3-5261-5150**
Fax: **81-3-3268-7021**

Nature of institution: Conventional institution with distance teaching programme.

Educational levels provided for DE programmes:
1. Undergraduate
2. Continuing education
3. Community education.

Titles and levels of DE programmes:

1. Bachelor's degree	Undergraduate
2. Continuing education	Undergraduate
3. Community education	Undergraduate.

Governance: A private, commercial establishment.

Objectives:
1. Equality of educational opportunity
2. Life-long recurrent education
3. Cost-effectiveness
4. Teacher Education and Training
5. Vocational training.

Sources of financial support of DE programmes: *Tuition Fees:* Student pays all tuition expenses for US$460 per year. *Budget:* US$11.5 million for 1990. Subsidies from the government was US$0.8 million.

Trends of development of DE resources and activities:
Expanded:
Financial provision
Library resources
Face-to-face sessions
Decreased: None.
Stable.

Local Study centers
Telecommunication equipment
Study materials and textbooks
The teaching force
Variety of course offered
Not applicable:
Distance education programmes
Broadcasting programmes
Audio visual aids.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students:
Current number of students: 16,469
Annual Intake: Data not available

Number of students in each DE level:

1. Regular Student	16,469
2. Non-Degree Student	52
3. Single-subject student	84
4. Special Student	114

Number of DE graduates:

1985	320	1986	295
1987	313	1988	369
1989	336	1990	296

*Accumulative number of DE graduates:*13,941.

Components of DE personnel: A mix of full-time and part-time faculty members.

Number of Staff:
Full-time: 186 (Academic: 153; Non-academic: 33)
Part-time: 255 (Academic)

Number of Courses and programmes:
Number of courses offered: 172
Number of programmes offered: 3.

Production of teaching materials/media: Teaching materials are prepared by full-time teaching staff. The faculty members meet to choose the writers; then each writer writes, edits, and sends the materials to printers.

Regional/Study Centres: Available: 3 study centers by using public facilities on a temporary basis with the financial supports from the university revenue and students' fees for (1) Providing tutorial session; (2) Providing counselling services; and (3) Providing examination.

Overall student Profile:

Sex:	(%)
Male	65.5
Female	34.4
Total:	100.0

Age:

Years:	(%)
Under 21	11.2
Between 21-30	54.0
Between 31-40	18.2
Between 41-50	11.2
Between 51-60	03.7
Over 60	01.8
Total:	100.0

Income:

Level:	
Top	Data
Middle	not
Bottom	available.
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	Data not
Rural	available.
Total:	100.0

Ethnic and Occupational Composition of DE Students:

Ethnic Composition: Data not available.

Occupational Composition:	(%)
Full-time student	-
Employed by private companies	25.2
Public Officials	18.2
Teachers	04.0
Self-employed	04.2
Others (including farmers and housewives)	48.4

Future development: According to the Generalization of the Accreditation Law," a latest change of the government policy on higher education, correspondence education programmes may need to be reorganized.

Major obstacles for implementing DE programmes: Data not available

Affiliation with regional and international DE organizations:

All Japan Association of Private Universities Correspondence Education

Japan Society for Correspondence Education

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:

1. Bachelor's degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMME*

Level: Undergraduate.

Titles:
1. Bachelor of Law
2. Bachelor of Arts in Literature
3. Bachelor of Economics.

Courses of instruction:
Agricultural Sciences:
Agriculture.
Commercial and management studies:
Accountancy/Bookkeeping
Administration
Business administration
Finance
Management
Banking
Industrial relations.
Humanities:
Archaeology
Contemporary and cultural studies
History: Japanese, European, Asian, Chinese Christian, Japanese Art
Philosophy
Humanities
Theology
Psychology
Natural Geography.
Languages and literature:
Linguistics
Languages: English, German, French
Educational Studies:
Educational psychology
Child psychology and counseling
Language, reading and communication
Secondary education
Youth and Community education.
Creative Arts:
Japanese Art History.
Physical Science:
Chemistry
Physics
Biological Science and Technology:

General Biology and life science
Medical and Health Sciences:
Health studies
Public health and administration
Mathematics:
Computing, Computer Science
Statistics.
Law:
Criminal Law
Commercial Law
Jurisdiction Law
International Law
American and English Law.
Social Sciences:
Careers guidance and counseling
Economics
Geography
Government and Politics
Social Studies/Civics
Sociology.

Length of course: *Minimum number of study hours per week per credit:* 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 172 courses.
Note: The requirement for Bachelor's degree is 30 credits from attending tutorial sessions and 94 credits from studying regular correspondence courses.

Media and methods: *Most dominant:*
1. Printed correspondence texts;
2. Face-to-face tutoring.

Dominant:
1. Counselling by telephone
2. Counselling by mail.

Least dominant: Video.

Language of instruction: Japanese.

Admission requirements:
1. Completed high school level of general education;
2. Be over 18 years old.

Number of students: Current number of students: 16,469
Annual Intake: Data not available

Evaluation:
Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Attendance at the local study centre

Final assessment:	1. Written final examinations 2. Final practical examinations
Employment arrangement:	Employment arrangement service is provided by placement office which is affiliated non-distance education programmes.
Acceptance of certificate, diploma, and degree:	Accepted as equal to a comparable award given by a non-distance education institution as evidenced from efforts made by students in trying to complete their studies, which are as much as those of non-distance learning students. However, social recognition of graduates from the correspondence programmes is somehow lower than that of graduate from conventional institutions.

HOME ECONOMICS CORRESPONDENCE COURSES
JAPAN WOMEN'S UNIVERSITY, TOKYO.

INSTITUTIONAL DATA

Year of Establishment: 1949.

Name of Head: **Takako AOKI**
Position: *President*
Address: 1-18-14 Mejirodai,
Bunkyo-ku, Tokyo, 114, JAPAN
Telephone: **81-3-3942-6530**
Fax: **81-3-3942-6536**

Nature of institution: Conventional institution with distance teaching programme.

Educational levels provided for DE programmes:
1. Undergraduate
2. Continuing education
3. Community education.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor's degree	Undergraduate
2. Continuing education	Undergraduate
3. Community education	Undergraduate.

Governance: A private, commercial establishment.

Objectives: According to the founder of the University, Jinzo Naruse's idea of life-long education, the correspondence course was established to give a chance to housewives and working women to upgrade the quality of their life. Generally, the objectives of the DE programme are addressed to the following areas:
1. Personal development
2. Life-long recurrent education
3. Cost-effectiveness
4. Equality of educational opportunity
5. Teacher Education and Training
6. Vocational training.

Sources of financial support of DE programmes: *Tuition Fees:* Students pay all tuition fees for US$883.00 a year.
Budget: Annual budget for 1990 was US$4.0 million from the University's revenue and US$0.5 from the Government's subsidies.

Trends of development of DE resources and activities:

Expanded:
Study materials and textbooks
Variety of course offered
Library resources.
*Decreased:*None.
Stable:
Financial provision
Distance education programmes
Local Study centers
Telecommunication equipment
The teaching force
Audio visual aids
Face-to-face sessions.
Not applicable:
Broadcasting programmes.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students:
Current number of students: 5,673.
Annual intake: 5,187

Number of students in each DE level:

1. Regular Student	5,118
2. Non-Degree Student	536
3. Single-subject student	19

Number of DE graduates:
Number of annual DE graduates:

1985	128	1986	131
1987	130	1988	123
1989	97	1990	130

Accumulative number of DE graduates: 5,000.

Components of personnel in DE: A mix of full-time and part-time faculty members.

Number of Staff:
Full-time: 151 (Academic: 124;Non-academic: 27)
Part-time: 151 (Academic: 149;Non-academic: 2).

Number of Courses and programmes:
Number of courses offered: 168
Number of programmes offered: 3

Production of teaching materials/media:
Printed materials are prepared by mainly each instructor.
Stages of production are (1) The Department decides on the instructor for each subject and submit the list to the faculty meeting for approval, (2) Each instructor writes the assigned teaching materials and submits them to an administrative staff of the Division of Correspondence Course, (3) The administrative staff and the writer check and correct the manuscripts, and (4) The completed manuscripts

are sent to printer shops.

Regional/Study Centres: Available: 54 study centers which are used only for examination. Face-to-face sessions are held at the university buildings which are used mainly for non-distance learning programmes. The university uses both public and private facilities as study centers ton a temporary basis. The sources of financial supports are from the university revenue. Major functions are (1) Providing counselling services; and (2) Providing examination.

Overall student Profile:

Age:

Year:	(%)
Under 21	02.0
Between 21-30	42.0
Between 31-40	31.0
Between 41-50	18.0
Between 51-60	06.0
Over 60	01.0
Total:	100.0

Gender:

Sex:	(%)
Male	-
Female	100.0
Total:	100.0

Income:

Level:	(%)
Top	Data
Middle	not
Bottom	available.
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	Data not
Rural	available.
Total:	100.0

Ethnic and Occupational Composition of DE Students:

Ethnic Composition: Mostly Japanese.

Occupational distribution:	(%)
Full-time student	11.0
Employed by private companies	23.0
Public Officials	12.0
Teachers	19.0
Self-employed	03.0
Farmers	00.1
Housewives	27.0
Others	04.9

Future development: Plan for the enrichment of DE personnel and upgrading quality and physical conditions of correspondence courses.

Major obstacles for implementing DE programmes: Correspondence course is not considered by the University as important as the regular programmes, it is difficult to enrich the conditions for correspondence education.

Affiliation with regional and international DE organizations: All Japan Association of Private Universities Correspondence Education.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:
1. Bachelor's degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMME*

Level: Undergraduate.

Titles: Bachelor of Home Economics.

Courses of instruction:

Architecture and planning
Housing
Interior Design.
Humanities:
Contemporary and cultural studies
History: Life History, Housing History, Cloth History
Philosophy
humanities
Theology
Psychology
Geography.
Languages and literature:
Languages: English, German, French
Literature.
Educational Studies:
Educational psychology
Child psychology and counseling
Language, reading and communication
Mathematics education
Microelectronics and computer education
Pre-school education
Elementary education
Secondary education
Science education
Technology Education
Educational engineering.
Creative Arts:
Fine Art, Art History
Design
Dyeing.
Physical Science:
Chemistry
Geological sciences
Physics.
Biological Science and Technology:
General Biology and life sciences
Environmental studies.

Medical and Health Sciences:
Health studies
Nursing
Public health and administration.
Mathematics:
Computing, Computer Science
Statistics.
Law:
The Constitution.
Social Sciences:
Careers guidance and counseling
Economics
Geography
Social Studies/Civics
Sociology
Youth and Community Studies.

Length of course: *Minimum number of study hours per week per credit:* 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 168 courses.

Media and methods: *Most dominant:*
1. printed correspondence texts;
2. face-to-face tutoring.
Dominant:
1. Counselling by telephone
2. Counselling by mail
Least dominant: Audio-cassette

Language of instruction: Japanese.

Admission requirements:
1. Completed high school level of general education;
2. Pass admission procedure.

Number of students: Current number of students: 5,673
Annual intake: 5,187

Evaluation:
Continuous:
1. Written assignments for submission
2. Attendance at the local study centre
3. Attendance of regular workshops/seminars at the other institution.

Final:
1. Written final examinations(5 times a year)

Acceptance of certificate, diploma, and degree: Accepted. The Division of Correspondence Education provides the same education standard that of as non-distance education programs.

CORRESPONDENCE COURSES
JUNIOR COLLEGE, MUSASHINO ART UNIVERSITY, TOKYO.

INSTITUTIONAL DATA

Year of Establishment: 1951.

Name of Head: **Hiroshi MIZUO**
Position: *President*
Address: 3-3-7 Kichijoji Higashimachi,
Musashino-Shi, Tokyo 180, JAPAN
Telephone: **81-422-22-8171-5**
Fax: **81-422-22-0776**

Nature of institution: Conventional institution with distance teaching programme.

Educational levels provided for DE programmes:

1. Associate Degree
2. Continuing education
3. Community education

Titles and levels of DE programmes:

Title	*Level*
1. Associate Degree	Undergraduate
2. Continuing education	Undergraduate
3. Community education	Undergraduate.

Governance: A private, commercial establishment.

Objectives:

1. Equality of educational opportunity
2. Vocational development
3. Teacher Education and Training
4. Life-long recurrent education
5. Transition to conventional higher education institutions
6. Personal development.

Sources of financial support of DE programmes: *Tuition fees:* Paid by the student for US$1,330.00 for the first year. *Budget:* US$6.5 million for 1990 from the University revenue and US$0.20 million from the Government subsidies.

Trends of development of DE resources and activities:
Expanded:
Financial provision
Local Study centers
Study materials and textbooks

The teaching force
Variety of course offered.
Decreased: None.
Stable:
Distance education programmes
Telecommunication equipment
Audio visual aids
Face-to-face sessions
Library resources
Not applicable:
Broadcasting programmes.

Trends of enrollment in DE Programmes: Increasing.

Number of DE students: Current number of students: 3,303
Annual intake of DE students:3,303.

Number of students in each DE level:

1. Regular Student	3,194
2. Non-Degree Student	105
3. Special Student	4.

Number of DE graduates:

Year	Graduate	Year	Graduate
1985	151	1986	170
1987	146	1988	208
1989	161	1990	223

Accumulative number of DE graduates:4,000.

Components of personnel in DE: A mix of full-time and part-time faculty members.

Number of Staff: Full-time:73 (Academic 60; Non-academic 13)
Part-time:37 (Academic 33; Non-academic 4)

Number of Courses and programmes: Number of courses offered: 71
Number of programmes offered: 3

Production of teaching materials/media: Printed materials are prepared by instructors. The Division discusses and decides on the need to develop new teaching materials or revise the existing ones. The committee also selects and appoint the writers.

Regional/Study Centres: Available: Public facilities are used as the centres on a temporary basis and financially supported by the university for (1) Providing tutorial session; (2) Providing guidance services; and (3) Providing examination.

Overall student Profile:

Age:

Years:	(%)
Under 21	17.0
Between 21-30	55.0
Between 31-40	14.0
Between 41-50	10.0
Between 51-60	03.0
Over 60	01.0
Total:	100.0

Gender:

Sex:	(%)
Male	29.0
Female	71.0
Total:	100.0

Income:

Level:	(%)
Top	Data
Middle	not
Bottom	available.
Total:	100.0

Geographical distribution:

Areas:	(%)
Urban	70.0
Rural	30.0
Total:	100.0

Ethnic and Occupational Composition of DE Students:

Ethnic Composition: Mostly Japanese.

Occupational distribution: (%)

Full-time student 11.0%; Employed by private companies 27.0%; Public Officials 04.0%; Teachers 04.0%; Self-employed 07.0%; Housewives 12.0%; and others 35.0%.

Future development:

The 4-year degree programme will be offered.

Major obstacles for implementing DE programmes:

None.

Affiliation with regional and international DE organizations:

All Japan Association of Private Universities Correspondence Education

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:

1. Associate degree.

PROGRAMME I: *ASSOCIATE DEGREE PROGRAMME*

Level: Associate degree.

Titles:
1. Associate degree in Art
2. Associate degree in Design.

Courses of instruction:
Humanities:
History:
Philosophy
Psychology.
Languages and literature:
Languages: English
Literature.
Educational Studies:
Educational psychology
Secondary education.
Creative Arts:
Fine Art, Art History
Graphic Arts
Handcraft (woodcut, etc)
Sculpturing
Printing
Design.
Biological Science and Technology:
General Biology and life science.
Mathematics:
Social Sciences:
Economics.

Length of course:
Minimum number of study hours per week per credit: 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 71 courses.
Minimum requirement for Associate Degree is 15 credits from attending tutorial sessions and 47 credits from correspondence courses.

Media and methods:
Most dominant:
1. printed correspondence texts;
2. face-to-face tutoring
3. Counselling by telephone
4. Counselling by mail
5. Computer.

Dominant: None.
Least dominant:
1. Radio
2. Audio-cassette
3. Video

Language of instruction: Japanese.

Admission requirements:
1. Completed high school level of general education;
2. Be over 18 years old.

Number of students: Current number of students: 3,303
Annual intake: 3,303

Evaluation:
Continuous assessment:
1. Written assignments for submission
2. Written regular tests
3. Attendance at the local study centre

Final assessment:
1. Written final examinations(5 times a year)
2. Written assignments for submission

Employment arrangement: Employment arrangement service is provided by placement office which is affiliated non-distance education programmes.

Acceptance of certificate, diploma, and degree: Not accepted as equal to a comparable award given by a non-distance education institution.

KAWASAKI COLLEGE OF APPLIED HEALTH PROFESSION

INSTITUTIONAL DATA

Year of Establishment: 1938.

Name of Head: **Masatoshi OKADA**
Position: *President*
Address: 316 Matsushima,
Kurashiki-shi,
Okayama-Ken 710, JAPAN
Telephone: **81-864-62-1111**
Fax: **81-864-63-4339.**

Nature of institution: Conventional institution with distance teaching program

Educational level provided for DE programme: Undergraduate.

Title and level of DE programmes:

Title	*Level*
1. Associate Degree in Medical Secretary	Undergraduate.

Governance: A private, commercial establishment.

Objectives: The aim of the College's Associate Degree in Medical Secretary is to train medical secretaries to have high quality of medical knowledge to be able to handle highly developed and complicated medical care services through correspondence course. Generally the college's aims cover the following areas:

1. Vocational development
2. Cost-effectiveness
3. Equality of educational opportunity
4. Life-long recurrent education.

Sources of financial support of DE programmes: *Tuition Fees:* Students pay all tuition fees for US$758.00 per year. the amount of US$758 per year.
Budget: Annual budget for 1990 was US$0.3 million. Subsidies from the government was US$45,000.

Trends of development of DE resources and activities:

Expanded:
Library resources.
*Decreased:*None.
Stable:
Financial provision
Distance education programmes
Local Study centers
Study materials and textbooks
The teaching force
Variety of course offered
Audio visual aids
Face-to-face sessions.
Not applicable:
Telecommunication equipment
Broadcasting programmes.

Trends of enrollment in DE Programmes:

Stable.

Number of DE students:

Current number of students: 590
Annual student intake: 490 students.

Number of students in each DE level:

1. Regular Student	570
2. Non-Degree Student	-
3. Single-subject student	20
4. Special Student	-
5. Other	-

Number of DE graduates:

Year	Graduates	Year	Graduates
1985	5	1986	18
1987	21	1988	79
1989	41	1990	49

Accumulative number of graduates: 218.

Components of personnel in DE:

A mix of full-time and part-time faculty members. In addition, there are part-time lecturers from other colleges/universities invited to teach in the DE programmes.

Number of Staff:

Full-time: 23 (Academic: 19; Non-academic: 4)
Part-time: 11 (Academic: 11; Non-academic: 0)

Number of Courses and programmes:

Number of courses offered: 40
Number of programmes offered: 1

Production of teaching materials/media:

Printed materials are prepared by instructors.
Stages of production: Information not provided.

Regional/Study Centres: Available, but no permanent study centres are established. Private facilities and used on a temporary basis. with the financial support from the university revenue for (1) Providing tutorial session, and (2) Providing examination.

Overall student Profile:

Age:

Years:	(%)
Under 21	72.5
Between 21-30	15.0
Between 31-40	07.8
Between 41-50	03.6
Between 51-60	00.9
Over 60	00.2
Total	100.0

Gender:

Sex:	(%)
Male	03.3
Female	96.7
Total	100.0

Income:

Level:	(%)
Top	-
Middle	57.0
Bottom	43.0
Total	100.0

Geographical distribution:

Areas:	(%)
Urban	82.2
Rural	17.8
Total:	100.0

Ethnic and Occupational Composition of DE Students:

Ethnic Composition: All students are Japanese citizens.

Occupational composition:

	(%)
Full-time student	42.3
Employed-Private	36.4
Public	02.9
Teachers	00.7
Free-lance	04.3
Self-employed	01.7
Housewives	05.9
Others:	05.8

Future development: None.

Major obstacles for implementing DE programmes: No major problems. However, all the teaching staff members have to share their teaching load in both correspondence and regular courses. Consequently, the submission of grade reports is some times late.

Affiliation with regional and international DE organizations:	All Japan Association of Private Universities Correspondence Education
PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:	List of Programmes: 1. Associate degree.

PROGRAMME I: *ASSOCIATE DEGREE PROGRAMME*

Level: Undergraduate.

Titles: Associate degree in Medical Secretary

Courses of instruction:

Commercial and management studies:
- Accountancy/Bookkeeping
- Administration
- Business administration
- Office/Secretarial studies
- Personnel.

Humanities:
- Ethics.

Languages and literature:
- Languages: English
- Literature.

Educational Studies:
- Microelectronics and computer education.

Medical and Health Sciences:
- Biomedical sciences
- Pharmaceutical sciences
- Other: Medical Clerical Work.

Social Sciences:
- Geography.

Length of course: *Minimum number of study hours per week per unit:* 3 hours (equivalent to reading 100 pages of textbook)
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 40 courses.
Note: Minimum requirement for an Associate Degree is 17 units through attending tutorial sessions and 52 units through regular correspondence courses.

Media and methods: *Most dominant:* None.
Dominant:
1. Printed correspondence texts;
2. Face-to-face tutoring
3. Video
4. Counselling by telephone
5. Counselling by mail.

	Least dominant: 1. Radio 2. TV.
Language of instruction:	Japanese.
Admission requirements:	Completed high school level of general education.
Number of students:	Current number of students: 590 Annual intake: 490.
Evaluation:	
Continuous assessment:	1. Written assignments for submission 2. Written regular tests 3. Attendance at the local study centre.
Final assessment:	Written final examinations (15 times per year)
Acceptance of certificate, diploma, and degree:	Accepted.

CORRESPONDENCE EDUCATION DIVISION
KEIO UNIVERSITY, TOKYO.

INSTITUTIONAL DATA

Year of Establishment: 1947.

Name of Head: **Makoto TERAO**
Position: *Dean,* Correspondence Education Division
Address: 2-15-45, Mita,
Minato-Ku, Tokyo, 108, JAPAN
Telephone: **81-3-3453-4511**
Fax:

Nature of institution: Conventional institution with distance teaching division.

Educational levels provided for DE programmes:

1. First Degree
2. Community education.

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor of Arts	Undergraduate
2. Community education	Non-certificate.

Governance: A private, commercial establishment.

Objectives: The founder of Keio University, Yukichi Fukuzawa, once wrote "Learning makes difference among people, and ... education should not be privileged to wealthy class but widely open to society...." Based on this philosophy, the correspondence course was established to attain academic democratization, achieve equality of educational opportunities, and open university education to society. Generally the programme's aims cover the following areas:

1. Equality of educational opportunity
2. Life-long recurrent education
3. Vocational development
4. Personal development
5. Cost-effectiveness
6. Teacher Education and Training.

Sources of financial support of DE programmes:

Tuition Fees: The student pays all tuition expenses by himself/herself for the amount of US$660.00 per year.

Budget: Approximate annual budget for 1990 was US$5.51 million (in US$). Subsidies from the government was US$0.85 million.

Trends of development of DE resources and activities:

Expanded:
Study materials and textbooks.
Decreased: None.
Stable:
Financial provision
Distance education programmes
Local Study centers
Telecommunication equipment
The teaching force
Variety of course offered
Broadcasting programmes
Audio visual aids
Face-to-face sessions
Library resources.
*Not applicable:*None.

Trends of enrollment in DE Programmes:

Increasing.

Number of DE students:

Current number of students: 17,802.
Annual intake: 4,982.

Number of students in each DE level:

1. Regular Student	4,814
2. Non-Degree Student	52
3. Single-subject student	26
4. Special Student	12
5. Others	160

Number of DE graduates:

Year	Graduates	Year	Graduates
1985	203	1986	194
1987	218	1988	199
1989	201	1990	240

Accumulative: 7,225

Components of personnel in DE:

A mix of full-time and part-time faculty members.

Number of Staff:

Full-time: 416 (Academic: 399; Non-academic: 17)
Part-time: 102 (Academic)

Number of Courses and programmes:

Number of courses offered: 257
Number of programmes offered: 2

Production of teaching materials/media: Printed materials are prepared by teaching staff. The Committee on Curriculum and Textbooks discuss and decide on necessary matters of creating new materials and renewal of current materials. Then, the committee request teaching staff to write materials.

Regional/Study Centres: Data not available.

Overall student Profile:

Age:

Years:	(%)
Under 21	18.0
Between 21-30	20.0
Between 31-40	36.0
Between 41-50	15.0
Between 51-60	07.0
Over 60	03.0
Total:	100.0

Gender:

Sex:	(%)
Male	43.0
Female	57.0
Total:	100.0

Income: Data not available.

Geographical distribution:

Areas:	(%)
Urban	73.0
Rural	27.0
Total:	100.0

Ethnic and Occupational Composition of DE Students:

Ethnic Composition: All Japanese.

Occupational Composition:	(%)
Full-time student	26.0
Employed by private companies	24.0
Public Officials	08.0
Teachers	04.0
Free-lance, Professions	02.0
Self-employed	05.0
Housewives	12.0
Others	19.0

Future development: Plan to upgrade the single-subject courses.

Major obstacles for implementing DE programmes: Data not available.

Affiliation with regional and international DE organizations: All Japan Association of Private Universities Correspondence Education.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:
1. Bachelor's degree.

PROGRAMME I: *BACHELOR'S DEGREE PROGRAMMES*

Level: First degree.

Titles:
1.Bachelor of Arts in Law
2.Bachelor of Arts in Literature
3.Bachelor of Arts in Economics
4.Bachelor of Arts in Political Science.

Courses of instruction:
Commercial and management studies:
Accountancy/Bookkeeping
Administration
Business administration
Finance
Management
Banking
Real Estate
Marketing
Office/Secretarial studies
Personnel
Industrial relations
Public administration.
Humanities:
Archaeology
History: Japanese, European, Asian, Christian, Korean
Philosophy
Psychology
Logic, Ethics.
Languages and literature:
Languages: English, German, French
Literature: Japanese, Chinese, English, German, French, American, Russian, Latin, Greek.
Educational Studies:
Curriculum development
Educational psychology
Child psychology and counseling
Language, reading and communication
Elementary Education
Secondary Education.
Communications:
Creative Arts:
Fine Art, Art History
Performing Arts.

Physical Science:
Chemistry
Geological sciences
Physics.
Biological Science and Technology:
General Biology and life sciences.
Mathematics:
Statistics.
Law: Law.
Social Sciences:
Economics
Geography
Government and Politics
Sociology.

Length of course: *Minimum number of study hours per week per unit:* 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 257 courses.

Media and methods: *Most dominant:*
1. Printed correspondence texts;
2. Face-to-face tutoring
3. Radio
4. Video
5. Computer
6. Counselling by telephone
7. Counselling by mail.

Least dominant: TV and Audio-cassette.

Language of instruction: Japanese.

Admission requirements: Completed high school level of general education.

Number of students: Current number of students: 17,802; Annual intake: 4,982

Evaluation:
Continuous: (1) Written assignments for submission, (2) Written regular tests, (3) Attendance at the local study centre, and (4) Attendance of regular workshops/seminars at the other institution.

Final: 1) Written final examinations(5 times a year), and(2) Final practical examinations(once a year)

Acceptance of certificate, diploma, and degree: Not accepted. Reasons are not given.

DIVISION OF CORRESPONDENCE EDUCATION
KINKI UNIVERSITY, OSAKA.

INSTITUTIONAL DATA

Year of Establishment:
1957 (Correspondence course for junior college level Commerce)
1960 (Correspondence course for 4-year level Law)

Name of Head: **Masataka SEKO**
Position: *President*
Address: 3-4-1 Kowakae, Higashiosaka-Shi,
Osaka 577, JAPAN
Telephone: **81-6-722-3265**
Fax: **81-6-722-3299**

Nature of institution: Conventional institution with distance teaching program

Educational levels provided for DE programmes:
1. Undergraduate
2. Continuing education
3. Community education

Titles and levels of DE programmes:

Title	*Level*
1. Bachelor's Degree	Undergraduate
2. Associate Degree	Undergraduate
3. Continuing education	Undergraduate
4. Community education	Undergraduate.

Governance: Private, commercial establishment.

Objectives:
1. Equality of educational opportunity
2. Life-long recurrent education
3. Cost-effectiveness
4. Personal development
5. Vocational development
6. Transition to conventional higher education institutions.

Sources of financial support of DE programmes:
Tuition fees: The student pays all tuition expenses by himself/herself for US$438 per year.
Budget: Data Not available.

Trends of development of DE resources and activities:
Expanded:
Local Study centers
Study materials and textbooks
The teaching force.
Decreased: None.
Stable:
Financial provision
Distance education programmes
Telecommunication equipment
Variety of course offered
Broadcasting programmes
Audio visual aids
Face-to-face sessions.
Not applicable: None.

Trends of enrollment in DE Programmes: Increasing, e.g from 30,000 in 1990 to 34,909 in 1991.

Number of DE students:
Current number of students: 13,761
Annual student intake: 6.046.

Number of students in each DE level:

1. Regular Student	7,451
2. Non-Degree Student	988
3. Single-subject Student	25
4. Special Student	188
5. Other	4.

Number of DE graduates:

Year	Graduates	Year	Graduates
1985	1,169	1986	967
1987	1,007	1988	1,271
1989	1,372	1990	1,575

Accumulative: 4,800 (Law); 15,000 (Commerce).

Components of personnel in DE: A mix of full-time and part-time faculty members.

Number of Staff:
Full-time:123 (Academic: 108; Non-academic: 15)
Part-time: 80 (Academic: 72; Non-academic: 8)

Number of Courses and programmes:
Number of courses offered: 132
Number of programmes offered: 3.

Production of teaching materials/media:
Printed materials are prepared by instructors.
Stages of production: Data not available.

Regional/Study Centres: Available: About 40 study centers. The centres are operated by the university with the coopoartion of public and private institutions.

Overall student Profile:

Age:

Years:	(%)
Under 21	58.0
Between 21-30	19.0
Between 31-40	10.0
Between 41-50	08.0
Between 51-60	03.0
Over 60	02.0
Total:	100.0

Gender:

Sex:	(%)
Male	68.0
Female	32.0
Total:	100.0

Income: Data not available.

Geographical distribution: Data not available.

Ethnic and Occupational Composition of DE Students: *Ethnic composition:* Mostly Japanese. There are 102 foreign students such as Korean and Chineses.

Occupational composition: Full-time student 59.0%, Employed by private companies 21.0%, Public Officials 11.0%, Teachers 01.0%, Self-employed 03.0%, and others (including farmers) 05.0%.

Future development: Data not available.

Major obstacles for implementing DE programmes: Data not available.

Affiliation with regional and international DE organizations: All Japan Association of Private Universities Correspondence Education.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION: List of Programmes:

1. Associate Degree
2. Bachelor's Degree.

PROGRAMME I: *ASSOCIATE DEGREE PROGRAMME*

Level:	Associate degree.
Title of programme offered in this level:	Associate Degree in Commerce.
Courses of instruction:	*Commercial and management studies:* Accountancy/Bookkeeping Administration Business administration Finance Management Banking Real Estate Marketing. *Humanities:* History Psychology Ethics. *Languages and literature:* Languages: English, German, Korean Literature. *Educational Studies:* Secondary education Youth and Community education. *Communications:* *Biological Science and Technology:* General Biology and life sciences. *Mathematics:* *Law:* The Constitution Commercial Law Insurance Law. *Social Sciences:* Economics Geography Sociology. *Services and Hospitality Science:* Library and information studies.
Length of course:	*Minimum number of study hours per week per credit:* 3 hours. *Total number of weeks per course:* 15 weeks. *Total number of courses making up programmes:* 90 courses.

Requirement for Associate Degree is 15 credits from attending tutorial sessions and 47 credits from correspondence courses.

Media and methods:	*Most dominant:* 1. printed correspondence texts; 2. face-to-face tutoring 3. Counselling by telephone 4. Counselling by mail *Dominant:* None. *Least dominant:* 1. radio 2. Audio-cassette.
Language of instruction:	Japanese.
Admission requirements:	1. Completed high school level of general education 2. Be over 18 years old.
Number of students:	Currently: 13,761 (including Law degree programme) Annual intake: 6,046(including 4 year college level Law program).
Evaluation: *Continuous assessment:*	1. Written assignments for submission 2. Attendance at the local study centre
Final assessment:	1. Written final examinations(8 times a year)
Acceptance of certificates, diplomas, and degrees:	Data not available.

PROGRAMME II: *BACHELOR'S DEGREE PROGRAMME*

Level: Undergraduate.

Titles: Bachelor of Law.

Courses of instruction:

Commercial and management studies:
Real Estate
Marketing
Industrial relations.
Humanities:
History: Japanese, European Legal History, History of political thoughts
Philosophy
Humanities
Psychology.
Languages and literature:
Languages: English, German, Chinese, Korean.
Educational Studies:
Educational psychology
Child psychology and counseling
Microelectronics and computer education
Elementary education
Secondary education
Youth and Community education.
Communications:
Journalism.
Physical Science:
Chemistry.
Biological Science and Technology:
General Biology and life sciences.
Medical and Health Sciences:
Health studies.
Mathematics:
Computing, Computer Science
Statistics.
Law:
Civil Law
Criminal Law
Commercial Law and Jurisdiction Law.
Social Sciences:
Economics
Geography
Government and Politics
International Studies/Relations
Social Studies/Civics

Sociology
Youth and Community Studies.
Services and Hospitality Science:
Library and information studies.

Length of course:
Minimum number of study hours per week per credit: 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up programmes: 132 courses. (Requirement for Bachelor's degree is 30 credits from attending tutorial sessions and 98 credits from correspondence courses.)

Media and methods:
Most dominant:
1. printed correspondence texts;
2. face-to-face tutoring
3. Counselling by telephone
4. Counselling by mail

Dominant: None.
Least dominant:
1. radio
2. Audio-cassette

Language of instruction:
Japanese.

Admission requirements:
1. Completed high school level of general education;
2. Be over 18 years old.

Number of students:
Current number of students: 13,761
Annual intake: 6,046 (Including students in the Commerce programme at the Junior college level).

Evaluation:
Continuous:
1. Written assignments for submission
3. Attendance at the local study centre

Final:
1. Written final examinations(8 times a year)

Acceptance of certificate, diploma, and degree:
Not indicated.

TOYOOKA JUNIOR COLLEGE
KINKI UNIVERSITY, TOYOOKA CITY, HYOGO.

INSTITUTIONAL DATA

Year of Establishment: 1967.

Name of Head: **Goro FUSE**
Position: *President*
Address: 160 Tomaki, Toyooka-Shi,
Hyogo-Ken 668, JAPAN.
Telephone: **81-796-22-6361**
Fax: **81-796-22-6365**

Nature of institution: Conventional institution with distance teaching programme.

Educational levels provided for DE programmes:
1. Associate Degree
2. Continuing education
3. Community education.

Titles and levels of DE programmes:

Title	*Level*
1. Associate degree	Undergraduate
2. Continuing education	Undergraduate
3. Community education	Undergraduate.

Governance: A private, commercial establishment.

Objectives: In compliance to the School Education Act of 1947, the College established the correspondence programmes aiming at providing both liberal arts education to develop the students' high moral personality and specialized education on Home Economics and Pre-School Education. Generally, the DE programme's objectives are addressed to the following:

1. Equality of educational opportunity
2. Personal development
3. Vocational development
4. Life-long recurrent education
5. Cost-effectiveness
6. Vocational training
7. Teacher Education and Training
8. National development
9. Religious and moral awareness
10. Transition to conventional higher education institutions.

Sources of financial support of DE programmes:

Tuition fees: Paid by the student for US$830.0 per year.
*Budget:*US$5.9 million for 1990 from the University revenue and US$0.25 million from the Government subsidies.

Trends of development of DE resources and activities:

Expanded:
Financial provision
Local Study centers
Study materials and textbooks
The teaching force
Variety of course offered
Face-to-face sessions
Library resources.
Decreased: None.
Stable resources and activities:
Distance education programmes
Telecommunication equipment.
Not applicable:
Broadcasting programmes
Audio visual aids.

Trends of enrollment in DE Programmes:

Increasing.

Number of DE students:

Current number of students: 3,906
Annual student intake: 3,906.

Number of students in each DE level:

1. Regular Student	3,813
2. Non-Degree Student	49
3. Special Student	44

Number of DE graduates:

1985: 628	1986: 525
1987: 583	1988: 674
1989: 836	1990: 876

Accumulative number of DE graduates: 10,101.

Components of personnel in DE:

A mix of full-time and part-time faculty members.

Number of Staff:

Full-time: 31 (Academic: 22; Non-academic: 9)
Part-time: 462 (Academic: 457; Non-academic: 5)

Number of Courses and programmes:

Number of courses offered: 85
Number of programmes offered: 3

Production of teaching materials/media:

Printed materials are prepared by instructors. The Committees on Academic Affairs are appointed to discuss and decide the need to develop new materials and/or renewing the existing ones. The committees also select writers. After the manuscripts are completed, they are reviewed and approved by an Editorial Committee.

Regional/Study Centres: Available: 9 study centres. Public facilities are used as the centres on a temporary basis and financially supported by the university for (1) Providing tutorial session; (2) Providing guidance services; and (3) Providing examination.

Overall student Profile:

Age:

Years:	(%)
Under 21	61.7
Between 21-30	22.6
Between 31-40	06.4
Between 41-50	06.6
Between 51-60	02.5
Over 60	00.2
Total:	100.0

Gender:

Sex:	(%)
Male	09.1
Female	90.9
Total:	100.0

Income: Data not available.

Geographical distribution: Data not available.

Ethnic and Occupational Composition of DE Students:

Ethnic Composition: All Japanese.

Occupational distribution:	(%)
Full-time student	57.0
Employed by private companies	18.0
Public Officials	03.2
Teachers	09.3
Free-lance, Professions	-
Self-employed	00.9
Farmers	-
Housewives	-
Others	11.6

Future development: From the school year of 1992, home economics programme will be reorganized as Life information programme.

Major obstacles for implementing DE programmes: Difficulties in (1) creating students' identity to the college; (2) arranging face-to-face instruction, and (3) developing good teaching materials to enhance students' understanding.

Affiliation with regional/other DE organizations: All Japan Association of Private Universities Correspondence Education.

PROGRAMMES OF INSTRUCTION, MEDIA, METHODS, & EVALUATION:

List of Programmes:

1. Associate degree.

PROGRAMME I: *ASSOCIATE DEGREE PROGRAMMES*

Level: Associate degree.

Titles:
Associate Degree in Pre-School Education
Associate Degree in Home economics.

Courses of instruction:
Architecture and planning
Housing.
Commercial and management studies:
Office/Secretarial studies
Personnel.
Humanities:
Psychology
Ethics.
Languages and literature:
Literature.
Educational Studies:
Educational administration
Educational policy analysis and management
Educational psychology
Language, reading and communication
Pre-school education
Elementary education
Youth and Community education.
Biological Science and Technology:
General Biology and life sciences.
Medical and Health Sciences:
Public health and administration.
Law:
The Constitution.
Social Sciences:
Economics
Geography
Social Studies/Civics
Social Work.

Length of course:
Minimum number of study hours per week per credit: 3 hours.
Total number of weeks per course: 15 weeks.
Total number of courses making up the programme: 85 course.
Minimum requirement for Associate Degree is 15-20 credits from attending tutorial sessions and 47 credits from studying correspondence courses.

Media and methods: *Most dominant:*
1. printed correspondence texts;
2. face-to-face tutoring.
Dominant:
1. Counselling by telephone
2. Counselling by mail.
Least dominant:
1. radio
2. computer.

Language of instruction: Japanese and English.

Admission requirements:
1. Completed high school level of general education;
2. Be over 18 years old
3. Pass admission procedure.

Number of students: Current number of students: 3,906
Annual student intake: 3,906.

Evaluation: *Continuous assessment:*
1. Written assignments for submission
2. Written regular tests
3. Attendance at the local study centre
4. Attendance of regular workshops/seminars at the other institution.

Final assessment:
1. Written final examinations(9 times a year)
2. Oral final examinations
3. Final practical examinations.

Acceptance of certificate, diploma, and degree: Accepted as equal to a comparable award given by a non-distance education institution.

Other studies published in the series *Papers on Higher Education*: 1983-1989

1. *André Salifou*, Perspectives du développement de l'enseignement supérieur en Afrique dans les prochaines décennies (English & French versions), Unesco 1983, ED-83/WS/76.
2. *Michel Carton*, Tendances et perspectives de développement de l'enseignement supérieur dans la région Europe. Unesco 1983, ED-83/WS/77.
3. *Juan Carlos Tedesco*, Tendencias y Perspectivas en el Desarrollo de la Educación Superior en América Latina y el Caribe (English & Spanish versions). Unesco 1983, ED-83/WS/75.
4. *Omer M. Osman*, Perspectives of the Development of the University in the Arab region from the present to the year 2000 (English & Arabic versions). Unesco 1983, ED-83/WS/78.
5. *S.C. Goel*, Higher Education in Asia and the Pacific : A Perspective Study. Unesco 1983,
   ED-83/WS/99.
6. Study Service : a tool of innovation in higher education. (English & French versions), Unesco 1984,
   ED-83/WS/101.
7. *R. Goodridge, A. Layne*, A Digest of Unesco Studies and Documents on the Democratization of Higher Education. Unesco 1984, ED-84/WS/52.
8. *L.P. Laprevote*, Pour un bilan social de l'Université, instrument d'intégration de la communauté universitaire. Unesco 1984, ED-84/WS/58.
9. *C. Rakowske-Jaillard, A. Rochegude, H. Acoca*, La problématique de la pédagogie de l'enseignement supérieur et de la recherche pédagogique dans la perspective de la réforme globale de l'éducation en Afrique francophone. Unesco 1985, ED-84/WS/85.
10. *G. Berger, T.K. Thévenin, A. Coulon*, Évaluation des expériences novatrices sur la démocratisation dans l'enseignement supérieur. Unesco 1985, ED-85/WS/1.
11. *Prof. D' M.L. Van Herreweghe*, Étude préliminaire sur la nature et l'importance de l'enseignement relatif aux sciences de l'éducation dans les établissements d'enseignement supérieur. Unesco 1986, ED-86/WS/34.
12. *M^{me} E. Rakobolskaya, André Salifou, D. Lustin*, Trois études de cas sur la formation pédagogique des enseignants d'enseignement supérieur. Unesco 1986.
13. *Georges Thill, Xavier Marbille, Christiane Coene, François Hurard*, Structures de fonctionnement de la recherche et perspectives de coopération. Unesco 1986, ED-86/WS/63.
14. *Marcel Guillaume, Georges Thill*, Formation et recherche universitaires : leurs interrelations. Unesco 1986, ED-86/WS/64.
15. Annotated Bibliography of Selected Unesco Publications and Documents relative to Training and Research. Unesco 1986.
16. Stocktaking of Needs and Resources relative to Training and Research:
    Volume 1: Australia, Hungary, Kenya, Syrian Arab Republic. Unesco 1987.
17. *César A. Aguiar*, Análisis de las Necesidades y Recursos relativos al Adiestramiento e Investigación.
    Formación Superior y Desarrollo Científico en América Latina: Indicaciones preliminares sobre la integración de sistemas. Volumen 2: America Latina.Unesco 1987.
18. Inventory of Educational Research on Higher Education Problems Undertaken by Higher Education Institutions (Preliminary Version). Unesco 1987,
    ED-86/WS/122 Rev.
19. *Jagbans K. Balbir*, Aspects of Training and Research in Higher Education with Case Studies on India and Venezuela. Unesco 1987.
20. L'Enseignement supérieur et le Monde du Travail.
    Table ronde Unesco-Fédération internationale syndicale d'enseignement (FISE)
21. Mobilité et échanges universitaires en vue de favoriser la formation et la coopération internationales.
    Table ronde Unesco-Association des universités partiellement ou entièrement de langue française (AUPELF)

22. Fonctions et tâches, condition et statut du professeur d'université dans les sociétés de progrès.
    Table ronde Unesco-Association internationale des professeurs et maîtres de conférences des universités (IAUPL).
23. *René Ochs*, The Recognition of Studies and Diplomas of Higher Education: the Contribution of Unesco. La Reconnaissance des études et des diplômes de l'enseignement supérieur : l'apport de l'Unesco.
24. Enseignement supérieur et interdisciplinarité : problèmes et perspectives.
    Table ronde Unesco-Fédération internationale des universités catholiques (FIUC)
25. La Responsabilité des femmes dans la conduite de leur carrière et Enseignement supérieur.
    Table ronde Unesco-FIFDU. Unesco 1987.
26. *R. Lallez, C. Tahiri-Zagret, A. Robinson, L. D'Hainaut*, Perspectives de l'évolution des systèmes de formation et des pratiques pédagogiques dans le cadre de la coopération internationale. Table ronde Unesco-Association internationale de pédagogie universitaire (AIPU) Unesco 1988, ED-88/WS/31.
27. *Braga, Meyerson, Noguchi, Nemoto, Serafimov*, The Impact of Satellite Technology on University Teaching and Research. Unesco-IAU, Unesco 1988, ED-88/WS/44.
28. Higher Level Distance Education and the Needs of Developing Countries.
    Round Table Unesco-International Council for Distance Education (ICDE). Unesco 1988, ED-88/WS/46.
29. The Challenge for the University: providing education and meeting economic requirements.
    Round Table: Unesco-International Union of Students (IUS), Unesco.
30. Les Responsabilités internationales du professeur d'Université.
    Table ronde: Unesco-IAUPL, Unesco, 1988.

31 Higher Education: Problems and challenges for what future? Final Report, Unesco-NGO Collective Consultation 1988. (English and French versions), Unesco 1988.

32 Project Copernicus: Co-operation Programme in Europe for Research on Nature and Industry through Co-ordinated University Study. Round Table: Unesco-Standing Conference of Rectors, Presidents and Vice Chancellors of the European Universities (CRE), Unesco 1989.

33 Enseignement supérieur scientifique et technique: Nouvelles technologies de l'information et de la communication. Table ronde : Unesco-Association des Universités partiellement ou entièrement de langue française (AUPELF), Unesco 1989.

34. *R. Aspeslagh, D. Chitoran, A. Nastase*, Educational and Research Programmes of Universities and Research Institutes in the Europe region devoted to international understanding, co-operation, peace and to respect for Human Rights. Unesco 1989, ED-89/WS/76.
35. L'enseignement supérieur entre démographie et sociologie : diversifications institutionnelles et variations sociales — Polymnia Zagefka.
36. Higher Education Learning Resource Materials, Books and Journals: the Needs of Universities in Developing Countries. Round Table: Unesco-Association of Commonwealth Universities (ACU)